

AIM Ann Report
1965 to 1966

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ANNUAL REPORT
OF THE
**AUCKLAND
INSTITUTE
AND MUSEUM**
1965-66



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The cover this year shows *Thatcheria mirabilis*, one of the more spectacular members of the turrid family of molluscs: it comes from deep water off Japan.

Dr. Powell's researches for some years have been concerned with this large family, on a world scale. He has had three grants in support of this work from Mr W. B. Dixon Stroud of Pennsylvania.

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ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND MUSEUM

For 1965-66

For presentation at the Annual General
Meeting to be held on 27th June, 1966



AUCKLAND
1966

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Staff of the Museum

Director	E. G. TURBOTT, M.SC., F.M.A.N.Z.
Assistant Director	A. W. B. POWELL, HON. D.SC., F.R.S.N.Z., F.M.A.N.Z.
Ethnologist	V. F. FISHER, M.A., F.M.A.N.Z.
E. Earle Vaile Archaeologist	JANET M. DAVIDSON, M.A. (on leave)
Recorder (Ethnology)	EUNICE E. WARNEFORD, M.A.
Recorder (Old Colonists)	EDNA M. STEPHENSON
Hon. Numismatist	A. SUTHERLAND, F.R.N.S.N.Z.
Botanist	R. C. COOPER, B.COM., M.A., PH.D., F.M.A.N.Z.
Hon. Botanist	LUCY CRANWELL SMITH, M.A., D.S.C., F.L.S., F.R.S.N.Z.
Associate Botanist	PHYLLIS H. HYNES
Entomologist	K. A. J. WISE
Recorder (Zoology)	LOIS J. WAGENER
Curator of War Relics and European Applied Arts	T. J. BAYLISS
Hon. Curator of English China	C. REGINALD FORD, F.R.I.B.A., F.R.G.S.
Librarian	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A.
Assistant Librarian	CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A.
Library Assistant	DEANE LOWTHER, N.Z.L.A. CERT.
Acting Extension Service Officer	N. M. ROE, B.A.
Planetarium Lecturer	R. A. MCINTOSH, F.R.A.S., F.R.A.S.N.Z.
Assistant Planetarium Lecturer	E. E. S. CURTIS
Preparator	L. J. CAPPEL, DIP. I.A.C. (AMST.)
Art Assistant	BETTY BROOKES
Education Officer	R. A. SCOBIE, M.A., F.M.A.N.Z.
Assistant Education Officers	B. H. CADMAN, B.A. A. F. van der MEIJDEN, M.A.
Artist-Technician (Education Section)	J. B. McCAW
Secretarial	THERESE B. WILSON
Clerical Assistants	JEANNE H. GOULDING BETTY R. BLOW
Typist-Telephonist	JUDITH HOOKHAM
Information Service	MARGARET M. BOND DOROTHY J. BEAVIS
Supervisor	R. C. H. HENSEN
Carpenters	G. BROWN H. J. DAY
Hand (Maintenance)	W. MAU
Cleaners	JESSIE TIPENE C. STEVENS

Attendants:

J. P. THOMSON (Senior), R. W. ARCHER, O. BECK, H. H. BOX,
L. LARSEN, A. LOCK, V. McGRATH, J. F. MILLER, R. E. WORTERS

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OFFICERS OF THE AUCKLAND INSTITUTE AND MUSEUM

1965-66



President:

MR S. G. BROOKER, M.SC.

Vice-Presidents:

MR. J. W. KEALY, S.M. MR J. H. ROSE, LL.B.
MR JOHN SEABROOK, A.F.C., E.D., U.S. LEGION OF MERIT

Council:

MR J. D. ATKINSON, M.AGR.S.C.	LT-COL. A. R. HUGHES
PROFESSOR L. H. BRIGGS, D.S.C.,	MR K. B. MYERS, M.B.E.
D.PHIL., F.R.S.N.Z.	MR A. T. PYCROFT
DR. P. J. BROOK	DR. E. H. ROCHE, M.C.
DR. R. N. H. BULMER	PROFESSOR E. J. SEARLE, D.S.C.
MR G. W. FRATER	MR R. B. SIBSON, E.D., M.A.
DR. H. C. HOLLAND	

Representatives of the Auckland City Council
HIS WORSHIP THE MAYOR, DR. R. G. McELROY
MRS W. HORTON, MR A. O. GLASSE, O.B.E., M.C.,
MR W. M. TONGUE, J.P., E.D.

Representatives of Local Authorities:

MRS F. SHIEFF, MESSRS. B. C. ADAM, C. R. BACH, E.D., B.SC.,
N. BLAKE, H. E. CAMPIN, H. McK. GEDDES, H. A. JACKSON,
F. C. McGEHAN, J.P.

Trust Board:

MR KENNETH B. MYERS, M.B.E. (Chairman)	MR J. C. RENNIE, LL.B. (until March, 1966)
SIR GILBERT ARCHEY, C.B.E., M.A., D.S.C., F.R.S.N.Z., F.M.A., F.M.A.N.Z.	MR E. H. RHODES, B.SC. MR JOHN SEABROOK, A.F.C., E.D., U.S. LEGION OF MERIT
MR A. T. PYCROFT	

Representatives on Council of Royal Society of New Zealand:
PROFESSOR L. H. BRIGGS, D.S.C., D.PHIL., F.R.S.N.Z.
MR S. G. BROOKER, M.SC.

Director:

E. G. TURBOTT, M.SC., F.M.A.N.Z.

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PRESIDENTS OF THE AUCKLAND INSTITUTE AND MUSEUM



1867	F. Whitaker	1901	J. Stewart
1869	Hon. T. B. Gillies	1902	Dr. E. Roberton
1870	Rev. Dr. A. G. Purchas	1903	Professor A. P. W. Thomas
1871	T. Heale	1906	Professor F. D. Brown
1873	Hon. T. B. Gillies	1907	E. V. Miller
1874	Sir G. A. Arney	1909	Professor C. W. Egerton
1875	J. C. Firth	1910	Dr. R. Briffault
1876	Hon. T. B. Gillies	1911	J. H. Upton
1877	R. C. Barstow	1912	Professor H. W. Segar
1878	T. Heale	1913	C. J. Parr
1879	Rev. Dr. A. G. Purchas	1915	Hon. Sir E. Mitchelson
1881	T. Peacock	1917	J. H. Gunson
1882	E. A. MacKechnie	1926	H. E. Vaile
1883	Rt. Rev. Dr. W. G. Cowie	1931	Alfd. G. Lunn
1884	H. G. Seth Smith	1933	Professor H. W. Segar
1885	J. A. Pond	1934	Sir Cecil Leys
1886	Professor F. D. Brown	1935	A. T. Pycroft
1887	Professor A. P. W. Thomas	1936	Sir Carrick Robertson
1888	S. Percy Smith	1938	C. Reginald Ford
1889	J. Martin	1940	Dr. W. A. Fairclough
1890	J. Stewart	1942	A. H. Johnstone
1891	Professor F. D. Brown	1944	J. C. Rennie
1893	Professor C. A. M. Pond	1947	Hon. T. Bloodworth
1894	J. H. Upton	1949	F. L. G. West
1895	Professor A. P. W. Thomas	1952	Professor L. H. Briggs
1896	D. Petrie	1955	J. W. Kealy
1897	Dr. E. Roberton	1958	J. H. Rose
1898	Prof. H. A. Talbot-Tubbs	1961	John Seabrook
1899	J. Batger	1964	S. G. Brooker
1900	Professor H. W. Segar		

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REPORTS TO MEMBERS



President

The year under review has been an exceedingly full one, during which a number of changes have been made in the exhibition halls, new staff appointed, and several very important decisions made by Council, as will be shown below. There have also been an unusual number of functions at the Museum commemorating events in the two World Wars. Anzac Day 1965 was of special significance because it was the fiftieth anniversary of the attack on Gallipoli; in addition, there were services in connection with the departure of the Main Body in 1915; the Third Division; the Battle of the Coral Sea, 1941; National Reunion of Returned Servicewomen; and the annual celebration of Memorial Day by the Auckland Post of the U.S. Veterans of Foreign Wars. In a different category was the visit of the astronauts, Captain Schirra and Colonel Borman, with their entourage, when the Institute and Museum, as the local branch of the Royal Society, acted as host on what proved to be a very notable occasion.

Awards

Council was happy to extend its congratulations to a past member and past member of the Honorary Staff, the Rt. Rev. W. J. Simkin, C.M.G., on the award granted by Her Majesty the Queen; also to Mr T. W. G. H. Hammond, M.B.E., of Thornton's Bay, Thames, long a supporter of the Museum and donor of material to our ethnological collections, whose service to education and to the welfare of the Maori people was recognised in the New Year Honours.

At the last Annual Meeting Professor L. H. Briggs, D.Sc., D.Phil., F.R.S.N.Z., was elected an Honorary Life Member. Professor Briggs has served on the Council since 1946, was President 1952-1955, Vice-President 1955-1964, and was re-elected to the Council in 1964. For many years he served as our representative on the Council of the Royal Society, and was Vice-President of that body 1954-1956 and President for 1956-1958. He was Chairman of the Committee that organised the 1954 New Zealand Science Congress in Auckland, which owed a great deal of its success to his leadership.

The Cheeseman-Pond Prize was this year awarded to Professor L. F. Phillips, of the University of Canterbury, for his researches into the chemistry of the upper atmosphere.

We also cordially congratulate this year's recipients respectively of the Hector Memorial Medal and Prize and of the Hutton Memorial Medal (both awards granted by the Royal Society of New Zealand): Dr. R. K. Dell, Assistant Director, Dominion Museum, Wellington, and Dr. Lucy B. Moore, Senior Botanist, Botany Division, D.S.I.R., both of whom are former members of our Institute. Congratulations are also extended to Dr. G. W. Butler, Dr. E. J. Godley and Dr. A. W. Liley on their election to the Society's Fellowship.

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The Institute and Museum undertakes each year to nominate a candidate for the award of the Loder Cup, and we are particularly happy to record the award of the Cup for 1965 to one of our members, and a distinguished horticulturalist and authority on the New Zealand flora, Mr Arthur Farnell. Mr Farnell was nominated jointly by the Auckland branch of the Royal New Zealand Institute of Horticulture and the Museum.

Finally, congratulations are extended to Dr. C. A. Fleming, the distinguished President of the Royal Society of New Zealand (also a life member of the Institute), who was this year awarded the Walter Burfitt Prize of the Royal Society of New South Wales.

Council

There were no changes in the elected representatives of the Auckland Institute and Museum at the 1965 elections, but as a result of the Local Authority elections, Dr. R. G. McElroy, as the new Mayor of Auckland, replaced Mr. D. M. Robinson. In addition, as representatives of other Local Authorities, Mrs F. Shieff (North Shore) and Mr H. A. Jackson (Southern Metropolitan Local Authorities) replaced Messrs. F. R. Brown and G. H. Shorland. We appreciated Mr Robinson's helpfulness towards the Institute and Museum during his term of office, and we also thank Messrs. Brown and Shorland for their assistance.

It is a matter for regret that since Mrs Thorpe resigned in February, 1965, there has been no representative of the Northland Local Authorities on our Council. No nominations were received for this vacancy when they were invited after the last Local Authority elections and since there is no legal provision for dealing with this situation, nothing can be done until after the next elections in 1968.

Staff

Our improved financial position has enabled Council to make an increase in staff during the year under review. Mr T. J. Bayliss, formerly Extension Service Officer, has been appointed to the new post of Curator of War Relics and European Applied Arts, taking up the position on his return from leave in February. While abroad Mr Bayliss not only acquired some very fine specimens for our ceramics collection, but also many good ideas on their display, which he will shortly be putting into effect.

Mr K. A. J. Wise has been appointed Entomologist, which will ensure that our valuable insect collections will be adequately maintained. Mr Wise was formerly a member of the staff of the Bishop Museum, Honolulu, and had been stationed at Christchurch in order to work on the United States Antarctic Research Programme; he has been able since his appointment to maintain close contact with the Bishop Museum, and participated in the expedition to the Auckland Islands in January as joint representative of Bishop Museum and this Museum.

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On enquiry from Council, the Trust Board agreed that using part of the income from the Vaile fund to pay the salary of an archaeologist would comply with the wishes of the late Mr Vaile and a new post was created, to be called the "E. Earle Vaile Archaeologist". Miss Janet M. Davidson, M.A., was appointed to this position as from December 1st. At present she is on leave while completing archaeological field work in Samoa with the support of the U.S. National Science Foundation, and she will take up her duties with the Museum on July 1st next.

Mrs O. W. Wagener (formerly Miss Lois Bishop), who for several years has made a most useful contribution to the curatorship of the ornithological collection as a part-time worker, has joined the staff as Recorder (Zoology).

School Service

In my last report I referred to the difficulties being encountered by our School Service. In May, a deputation waited on Mr R. L. Bradley, Regional Superintendent of Education, Auckland, with a request that the status of the School Service be improved relative to other branches of teaching and that the number of Education Officers be increased, but he was unable to obtain Departmental approval for either of these requests. However, it is pleasing to record that the vacancy caused by the resignation of Mr Roe to become Extension Officer has now been filled by the appointment of Mr A. van der Meijden. The Director has also been able to find more satisfactory accommodation for the Service, so that the general position is somewhat improved.

Membership

The roll has changed as follows:

	As at 31/3/65	As at 31/3/66
Life Members	399	406
Annual Members ..	782	785
	<hr/>	<hr/>
	1181	1191

Obituary

We record with regret the death of Sir Clutha Mackenzie, Mr H. G. Bell, Mr A. St. Clair Brown, Mr G. L. Brown, Mr J. C. M. Butterworth, Miss K. M. Clark, Mr J. P. P. Clouston, Mr E. F. Dodson, M.Sc., Mr L. A. Eady, O.B.E., Mr W. K. Hounsell, Mr J. W. Hyland, B.Com., Mr T. H. Macky, Mr H. T. Merritt, Mr G. de C. Peele, Mrs C. W. Pirie, Mr F. T. Power, M.A., Mr A. L. Stedman, Mr J. R. Waititi, B.A., and Mr L. B. Watts, B.E.

Mr Eady had by several notable gifts established the nucleus of our historical collection of musical instruments; this, it is hoped, will grow, and it is to the late Mr Eady's interest that we owe our entry into this field.

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Mr W. K. Hounsell assisted the work of the Museum in many ways, and served as Honorary Technical Assistant from 1931 to 1935.

Special mention may be made here of the deaths of three persons formerly closely associated with the Museum: these included Mr E. Hay, who served on the Council for two terms, first (1947-1953) as a Local Bodies representative and again (1956-1962) through election by members.

The late Mr C. W. Dover was our Museum's Taxidermist for 22 years: he was appointed in 1930, the year after the opening of the War Memorial Museum, and retired in 1952. He was born in Oxford, England, and received his training in taxidermy as an apprentice on the staff of the well known firm of Roland Ward Ltd., in London. His high skill in the mounting of birds and mammals, and in the construction of habitat groups, is evident in the display galleries concerned, and he made numerous casts of fishes and whales also on exhibition.

Mr A. S. H. Joyce, who died on April 30th, was a member of the attendant staff from 1955 to 1958; later he continued at intervals as a Relieving Attendant until his final retirement from work in 1963.

Local Authority Contributions — 1965 - 66

Metropolitan: Statutory—

Auckland City	14,818	19	5	Mount Wellington Borough	1,627	14	0
Birkenhead Borough	568	18	6	Newmarket Borough	498	7	10
Devonport Borough	645	8	5	New Lynn Borough	590	10	2
East Coast Bays Borough	789	16	7	Northcote Borough	445	11	10
Ellerslie Borough	436	2	4	Onehunga Borough	1,132	4	0
Glen Eden Borough	307	12	1	One Tree Hill Borough	1,012	8	5
Helensville Borough	65	0	6	Otahuhu Borough	667	17	9
Henderson Borough	370	9	7	Papakura Borough	590	7	3
Howick Borough	559	11	4	Papatoetoe City	1,110	12	7
Manukau County	2,823	19	1	Takapuna City	1,740	6	6
Manurewa Borough	791	13	5	Waitemata County	3,842	9	9
Mount Albert Borough	1,542	9	1				
Mount Eden Borough	1,161	1	10		£40,309	3	8
Mount Roskill Borough	2,168	11	5				

Provincial: Statutory—

Hobson County	149	0	0	Rotorua City	280	15	2
Hokianga County	24	15	2	Taumarunui Borough	24	13	10
Hunly Borough	151	3	11	Taupo Borough	19	11	9
Kaikōhe Borough	14	13	4	Te Kuiti Borough	47	9	4
Kaitaia Borough	8	9	5	Waiheke County	56	2	10
Kawakawa Town	4	2	10	Waiuku Borough	70	10	7
Kawerau Borough	53	11	6	Warkworth Town	46	4	9
Mangonui County	20	19	0	Whakatane Borough	48	17	7
Murupara Town	3	18	3	Whangarei City	641	7	6
Ngaruawahia Borough	84	17	1	Whangaroa County	10	4	8
Opotiki Borough	5	17	1		£2,266	12	8
Putaruru Borough	49	0	7				
Rodney County	450	6	6				

Provincial: Voluntary—

Cambridge Borough	25	0	0	Rotorua County	100	0	0
Franklin County	500	0	0	Tauranga City	202	4	4
Hamilton City	100	0	0	Tauranga County	50	0	0
Hauraki Plains County	45	0	0	Te Aroha Borough	100	0	0
Hikurangi Town	5	0	0	Thames Borough	20	0	0
Matamata County	500	0	0	Thames County	15	0	0
Morrisville Borough	15	15	0	Tuakau Borough	40	0	0
Opotiki County	17	5	0	Waihi Borough	50	0	0
Otorohanga Borough	25	0	0		£1,935	4	4
Peroa Borough	25	0	0				
Pukekohe Borough	50	0	0				
Raglan County	50	0	0				

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It is also with much regret that we record the death of Mr L. R. H. Beaumont, B.A., F.R.A.S, who had been Secretary of the Auckland Astronomical Society (Astronomical Section of the Institute and Museum) up to the time of his death. Mr Beaumont was a past President of the Society.

Gifts

Again this year the opportunity is taken to express our thanks to various donors, including mention of further generous grants towards our exhibition halls from the Auckland Savings Bank (£2,000) and Sir John Logan Campbell Trust (£2,000); the latter grants have enabled us to carry out much-needed improvements to the lighting of exhibits, both in the existing displays and in the newly arranged series on the first floor, while part of the Savings Bank grant has been devoted to the installation of infra-red heaters. The year has also been marked by the provision of much-appreciated additional funds through a series of bequests: £2,618 12s 3d bequeathed by the late Mrs Edith Ella Fraser; £627 8s 11d from the estate of the late C. V. Houghton; £1,000 bequeathed by the late Mrs J. McLennan (to set up a trust for the purchase of visual aid equipment for the School Service); and £200 bequeathed by the late Mr W. T. King.

A donation of £100 from Miss E. L. Hellaby was devoted to the purchase of ceramics.

We also thank the following who made monetary contributions: Mrs G. H. Fleming; Mr J. H. Goodey; Handweavers' Guild; Dr. H. R. Minn; N.Z. Institution of Engineers' Conference Committee; Mr H. M. Rodewald; Rotokauri School; Whangarei Acclimatisation Society; and Mr H. W. Young.

Finally under this heading, the Auckland Maritime Society (Maritime Section, Auckland Institute and Museum) has made its final contribution under the arrangement made in 1964 whereby the Society undertook to meet approximately one-half of the cost of purchasing the volumes for 1834-1873 of Lloyd's Maritime Register of Shipping.

Research Grant

In August Dr. Powell and Dr. Yoshio Kondo (Bishop Museum, Honolulu) received jointly a grant of 50,000 dollars from the United States National Science Foundation, to enable them to carry out a survey of the fast-disappearing land snail faunas of the Pacific Islands. Field trips by a number of separate parties are planned, and later Dr. Powell hopes to participate in some of the field work himself. The opportunity is taken to congratulate Dr. Powell on gaining this further support for his work, support which in turn lends distinction to this institution.

Auckland War Memorial Committee

On March 28th, 1966, the Auckland War Memorial Committee had its final meeting, at the conclusion of which the Chairman, Sir

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John Allum, handed over a cheque for £12,640, with the proviso that it be used as the nucleus of a fund to provide an Auditorium, which was included in original World War II Memorial plans, but had to be deleted subsequently on account of a rise in building costs. In accepting the money, thanks were expressed not only on behalf of the Institute and Museum, but of all the citizens of the Auckland Province, to all the members of the Committee for its wonderful effort in raising over £400,000.

Council decided at its April, 1966, meeting to set up a committee comprising some prominent citizens of Auckland and representatives of the Council to raise the necessary funds for building the Auditorium, which will be a valuable addition to the city's cultural amenities, and from the Museum point of view will provide a very necessary adjunct since our present facilities for holding lectures are most inadequate. We are grateful to Mr John Seabrook for undertaking the Chairmanship of this committee. He has already obtained the support of a number of members of the War Memorial Committee, as well as other leading citizens.

Coffee Lounge

In October last Council adopted a report from its Museum and Finance Committees recommending that a Coffee Lounge be established in what is now known as the east Palm Court, close to the main entrance; it was considered by these Committees that the lounge would form a most useful amenity for Museum visitors. A sub-committee to deal with details of planning in consultation with the architect, Mr R. F. Draffin, was set up, members being Mrs Horton, Dr. Roche, the Director and myself. At its April, 1966, meeting Council received the final report of the sub-committee and, although the estimates were higher than expected, Council decided to let a contract for the work, which is now under way.

Early Auckland Display

In May, 1965, a proposal was received from Messrs. Milne & Choyce Ltd. that the Museum assist in the preparation of a replica of a street of Auckland in 1866 as the main feature of the firm's celebration of 100 years of operation in Queen Street. It would be on view in Milne and Choyce's store for six months from next August and would afterwards be transferred to the Museum to be housed in the old library. These proposals were gladly accepted by Council, and we are also grateful to the City Council for handing over exhibits which were formerly part of the Old Colonists' Museum in Kitchener Street. This material will greatly augment what promises to be a very attractive part of the Museum.

In order to assist in the work of preparing this feature, Mrs E. M. Stephenson has been engaged on a part-time basis. All the expenses involved in the establishment of the exhibition have been met by Messrs. Milne and Choyce, who have also promised to assist in its curation for an initial period at the Museum.

Royal Society

The new Royal Society Act passed by Parliament during the 1965 session will affect our Institute and Museum in so far as we will no longer have direct representation on the Council, which will be composed of Fellows and, with two exceptions, will be elected by them. This breaks a tradition established in 1868 when the Wellington Philosophical Society joined with our Institute in forming the New Zealand Institute, later to become the Royal Society of New Zealand. From now on our Institute will be represented on the Member Bodies Sub-committee and will have much less say in the working of the Society. Under the Presidency of Dr. C. A. Fleming the Royal Society has made much progress in the last few years, and we wish it all success under the new arrangements.

Eleventh New Zealand Science Congress

Unfortunately reference to the Congress was omitted in my last year's report: this was noted and a resolution passed at the last Annual General Meeting, and I am glad accordingly to place the following on record in the present report: "It is with pleasure that I express my appreciation of the work done towards the organisation of the Congress in Auckland by a number of our members: in the first place, to Professor Briggs, who as Chairman of the Council's Institute Committee convened the original meeting of representatives of thirty-eight scientific organisations in Auckland to establish the Congress Executive Committee; and further, to the Chairman, Dr H. C. Holland, the Secretary, Mr T. J. Bayliss, and all members of the Executive Committee, who were continuously employed in arrangements for the Congress from March, 1964, onwards. Special features of the Congress were the ten general symposia, and the lunch-hour Science Film Theatre and the Science Film Competition for overseas and New Zealand films. Dr. William H. Pickering and Sir John Eccles were invited by the Congress as guest speakers. Over 1,100 registrations were made for the Congress, including sixteen overseas members. Members will wish me to compliment on their behalf in addition to the above Committee members, the Congress President, Sir Gilbert Archey, and all Congress Officers on this most successful and enjoyable meeting."

In conclusion, I would like to express my thanks to members of Council for their loyal support, and on behalf of the whole Council to congratulate the staff on their efforts during the year.

S. G. BROOKER.



Chairman of the Trust Board

No satisfactory property as an investment for the sum of £70,464, received in 1964 for the Vaile endowment Queen Street property, has yet been found, this sum in the meantime being retained, as mentioned last year, on monthly deposit in the Bank of New Zealand.

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It has been possible again to carry out repairs and much general improvement to the Vaile properties, all being now in very satisfactory order. Mr Hensen is to be congratulated on his attention to the supervision of the properties and his initiative in suggesting improvements throughout the year.

The endowments and trusts for which the Board is responsible now total £190,394: as stocks and debentures have matured they have been reinvested in Government and Local Authority stocks.

A new Trust, to be termed the "Janet McLennan Trust", was established under the will of the late Mrs Janet McLennan, and the proceeds of the Trust will be used for the purchase of projectors and other visual aids equipment by the School Service.

The sale of a property at Broadlands, part of the Vaile bequest, comprising an isolated block of 105 acres, was negotiated this year. After consulting various people with an expert knowledge of this type of land, it was decided that the price offered, £1,200, was adequate, and it was therefore accepted.

Mr Rennie advised the Trust Board on March 28th, 1966, that he wished to resign as a member of the Board. His decision was received with much regret, and I would wish to thank him for the 12 years he has been a member and to pay a tribute to the contribution he has made to the Museum, not only as a member of the Trust Board, but for the 30 years he was on the Council and the years when he was President.

KENNETH B. MYERS.



Director

Institute Lectures

A varied programme this year enabled us to hear speakers on recent developments in both pure and applied research, the series including an address by Mr I. D. Dick, Assistant Director-General, Department of Scientific and Industrial Research, on general aspects of New Zealand's research programme. The first triennial Cockayne Memorial Lecture — established by the Royal Society of New Zealand as a tribute to the work for botanical research in New Zealand of the late Leonard Cockayne — was delivered by Dr. Lucy B. Moore, Senior Botanist, Botany Division, D.S.I.R.: in this Dr. Moore gave a most interesting survey of Dr. Cockayne's achievements and of incidents of his field work. Thanks are expressed to all those who contributed to the programme: speakers were Mr J. H. Smith, B.E., B.Sc., *Geothermal Power: Progress and Future Development*; Mr I. D. Dick, M.Sc., *Research as an Investment*; Dr. J. B. Gilpin-Brown, B.Sc., Ph.D.(Brist.), *The Leigh Marine Laboratory*; Professor K. Sinclair, M.A., Ph.D., *Malayan History through Maori Eyes*; Dr. R. C. Cooper, B.Com., M.A., Ph.D.(Wash.U.), *Vegetation of Auckland — Past and Present*; Dr. E. A. Harris, M.B., Ch.B. (L'pool.), Ph.D.(Edin.), M.R.C.P.(Lond.), *Exercise*; Dr. Lucy B. Moore, M.B.E., M.Sc., D.Sc.,

F.L.S., F.R.S.N.Z., *Leonard Cockayne, Botanist*; Dr. A. C. Kibblewhite, M.Sc., Ph.D.(Lond.), D.I.C., *Some Experiments with Underwater Sound*.

Sunday Lectures

Again this year there has been steady support throughout the session, although there was much variation in the size of the audience at each lecture (average attendance 55). Our very cordial thanks are expressed to the lecturers in the series, arrangements for which were in the hands of Mr Roe: those participating in the programme were Mr V. F. Fisher on "Recapturing the Past in the Maori Arts at Tikitiki"; Mr J. Grant Mackie on "The Mt. Shisa Pangma Expedition and other Aspects of Science in China"; Mr J. Terrel on "Searching for the Lost Village of the Taensa Indians"; Mr H. Keith on "The Artist in New Zealand Society"; Mr R. B. Sibson on "A Naturalist in the Aegean"; Mr A. Irvine on "Harvest of the Forest"; and Mr W. J. B. Hunter on "Aspects of Life in Ceylon". Lectures extended from Sunday, September 5th, to Sunday, October 17th.

Display Programme

All sections of the Report lend emphasis to the steady progress made during the year on several different fronts: the two main projects outlined last year, i.e. Dr. Powell's general rearrangement of the first floor Halls and his Maritime Hall installation, and the development of the Hall of Botany by means of dioramas and information panels, have made very satisfactory progress. But the addition to the programme of an entirely new undertaking — the Milne & Choyce Early Auckland display mentioned by the President in his report above — had by the latter half of the year begun to make fairly extensive demands on a considerable section of the staff: this has included a good deal of time spent by Mr Cappel in assisting with the renovation or reconstruction of items to be incorporated in the display. Progress is especially satisfactory in view of this additional display project, and of the interruptions inevitably caused by the special exhibition programme (see below).

In the Hall of Botany the new installations, as mentioned by Dr. Cooper, comprise the first diorama (the gum-diggers' scene), the related panels on kauri gum, and the first panel on flax; a further diorama on the life history of the mangrove is at an advanced stage.

The progress made on the Maritime Hall has been fully covered by Dr. Powell. It is most gratifying to be able to report that quite early in the year Mr Scobie was able to extend his teaching into both Botany and Maritime Halls: in the Botany Hall the material on kauri gum, and the various historical items, especially the old mill, the rope walk and the pit-sawing reconstruction, provided material for lessons; again, the partly-completed Maritime Hall already furnishes much material, more particularly on the history of shipping.

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Special Exhibitions

In this department there has been a remarkably full year and there have accordingly been special demands on Mrs Brookes, who has had the responsibility — except with respect to the Atomic Energy and Science Exhibitions — for installation and arrangement.

The Lecture Hall and adjacent vestibule proved just large enough to house the comprehensive and informative exhibition on peaceful uses of atomic energy circulated in New Zealand by the Australian Atomic Energy Commission: this was open from March 15th-19th (including evenings) and drew an attendance of 4,214 for the season.

Two exhibitions were arranged for the Festival: our own contribution, "An Exhibition of Crafts", drew upon materials available from local workers in printed fabrics, metal, silver, jewellery and woodwork, and especially in pottery; there was, too, a section on Maori crafts, accompanied by plaiting demonstrations. An Exhibition Committee — to whose members thanks are again expressed — was set up to organise conditions of entry and scope; the Director (Chairman), Miss M. Hardwick-Smith and Mrs M. Milne (representing Auckland Studio Potters), Mrs K. Wakely (Hand Weavers' Guild), Professor Paul Beadle, Mr Warwick Smith, Mr T. J. Bayliss (up to his departure for overseas) and Mrs B. Brookes. Examples of fine bindings were included in the exhibition through the courtesy of the artist, Edgar Mansfield.

We also sponsored the small but extremely notable travelling exhibition, on loan from the Victoria and Albert Museum, "Gothic Art": this was shown in the Special Exhibition Hall.

Special opening functions for each exhibition were held, the speakers at the two functions being respectively the Hon. D. C. Seath, Minister of Internal Affairs, and Mr P. A. Tomory.

At the request of the Auckland Festival Society, the Maori Court was made available for a further event: this was a recital by the choir of St. Mary's Cathedral Church, conducted by Mr Peter Godfrey, which, it will be remembered, first sang in the Museum when it gave a Carol Concert on December 22nd, 1964.

As in past years the Auckland Science Exhibition (organised by the Auckland Science Teachers' Association) attracted strong public interest: this year's exhibition was held from August 19th to 24th, and in order to provide for better circulation and to give opportunity for improvements in overall design, was located in the Lecture Hall. The opportunity may be taken to express our appreciation of the extensive organisation undertaken each year by the Association, and of the very material contribution to our annual programme made by this activity.

In the period November 6th-20th the New Zealand Society of Potters held their Annual Exhibition in the Lecture Hall — again large attendances were attracted, and we were indeed privileged to be able to sponsor the exhibition. The Director was invited to speak at the official opening function. During the New Zealand Society of Potters' exhibition, we arranged in the new accessions case, near the main entrance, a collection of Japanese sake cups and tea bowls kindly lent for the occasion by Mr Keith Mosheim.

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Early in the present year a member of the University of Auckland School of Architecture, Mr D. A. Swan, offered an exhibition comprising colour and monochrome enlargements of his fine series of photographs of the ancient cities of Mexico and Peru. This was set up by Mr Swan, in co-operation with Mrs Brookes, in the Special Exhibition Hall, and ran from September 14th-30th.

Following this (November 30th-December 13th), a small but important travelling exhibition, circulated by the British Council, was shown in the Special Exhibition Hall: "English Artist-Potters, 1913-1960". The exhibition included (as well as a comprehensive set of photographs) examples of the work of Bernard Leach, Michael Cardew, W. S. Murray, T. S. Haile, Lucie Rie and Hans Coper, all well-known figures in the development of pottery in this period.

The final exhibition during the current year was one of special significance for New Zealand, for it comprised the 18 items from the Banks-Solander collection, Ethnographical Museum of Sweden, Stockholm, that can be identified with certainty as originating from Cook's first voyage. The material was shown in the partly-completed Maritime Hall — fully opened to the public for the first time for the occasion — against the background of the new mural map of the voyages of Cook. We express our appreciation for this opportunity to the Ethnographical Museum of Sweden, and to Dr. R. A. Falla, Director of the Dominion Museum, Wellington, by whom the exhibition circuit in New Zealand was arranged; also to the Swedish Ambassador in New Zealand, His Excellency Olaf Kaijser, who travelled to Auckland in order to perform the official opening.

Demonstrations: Maori Court

Throughout the year we have had demonstrations weekly in the Maori Court adjacent to the meeting house entrance; these have been given by a group of women associated with the Orakei Marae Trust Committee, who agreed (following discussions with Mr Roe) to continue their work on *tukutuku* panels, and to plait kits and mats of flax, in order to give visitors some idea of present-day activity in Maori crafts. The panels, when duly completed, are for installation in the Orakei Church. For enabling us to add these demonstrations to the Museum's list of activities we are most grateful to Miss Ann Pihema, Maori Welfare Officer, who assumed the general organisation, and to the following who took part during the year: Mrs M. Boyce, Mrs C. Davis, Mrs E. Davis, Mrs R. Davy, Mrs A. Dawson, Mrs K. Dixon, Mr D. Grey, Mrs E. Maddox, Mrs E. Makoare, Mrs T. Patira, Mr R. Raharuhu, Mrs M. Robinson, Mrs E. Talbot, Mr and Mrs K. Thompson and Mr and Mrs M. Witika.

A.G.M.A.N.Z. School for Curators

It was agreed last year that a course of instruction for curators of the smaller museums arranged by the Art Galleries and Museums Association of New Zealand would be sponsored in the present year by the Auckland War Memorial Museum. The course, held July 19th-

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22nd, 1965, was attended by 14 curators from all parts of New Zealand; talks or demonstrations on curatorial procedure, cataloguing, control of pests, display, and on formal and informal education, were contributed by members of our staff, further sessions being held at the Auckland Art Gallery and the Museum of Transport and Technology.

Research and Field Work

Dr. Powell has made additions to his long and distinguished series of molluscan papers and monographs, as shown in the list of publications in his report: he is still engaged on his major monograph, that on turrids of the world, the work being sponsored by the three grants from Mr W. B. Dixon Stroud. Dr. Powell has also completed the preliminary discussions with Dr. Yoshio Kondo on the organisation of a Pacific field project for which they received jointly a U.S. National Science Foundation grant during the year (see Dr. Powell's report): parties carrying out the work planned are already in the field.

The regular series of field excursions through which Dr. Cooper is steadily building up records of the residual vegetation of the province has proved most productive: these, as outlined by Dr. Cooper in his report, are now at a stage enabling a reasonably comprehensive picture of present-day plant distribution to be gained. The support afforded by the grant from the Golden Kiwi Lottery Fund is again gladly acknowledged.

Mr Wise, since he took up his appointment in October, has been able to carry out field work around Auckland. He also participated in the Auckland Islands Expedition in January.

Publications

This year's issue of the *Records* (Vol. 6, No. 2: October 15th, 1965) contained the following contributions:

- "The Family Eatoniellidae in New Zealand", by W. F. Ponder.
- "A Revision of the New Zealand Recent Species previously known as *Notosetia* Iredale, 1915 (Rissoidae, Gastropoda)", by W. F. Ponder.
- "A Revision of the New Zealand Recent and Fossil Species of *Esteia* Iredale, 1915", by W. F. Ponder.
- "New Zealand Molluscan Systematics with Descriptions of New Species: Part 5" by A. W. B. Powell.

E. G. TURBOTT.

Anthropology and Maori Race Section

The meetings of the Section held in No. 5 Symonds Street on the second Tuesday of the month continued to attract a small, interested audience. At the Annual General Meeting, concern was expressed by the Chairman over the fall in membership. Until the late nineteen forties people with interests in Languages, Anthropology, Archaeology

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and similar subjects had been members. Societies catering for these special interests now exist.

During 1965 the following addresses were given: Dr. M. K. Sorrenson, "Recent Land Reform in Kenya"; Mr Oppenheim, "The Tangi in Traditional Maori Society"; Mr H. Dansey, "The Maori in Literature"; Mr S. Mead, "Another Look at Maori Clothing"; Mr H. Brown, "Changing Life in Sierra Leone"; Mr R. Walker, "A Sociological Study of Maori Trainee Teachers"; Mr A. Mead, "The Richard Taylor Diaries".

Officers of the Section for 1965 were: Patron, Mr H. E. Maude, O.B.E.; Chairman, Dr. Joan Metge; Hon. Secretary and Treasurer, Mr J. Diamond; Committee, Professor Piddington, Miss Levin, Dr. Bulmer, Dr. Green, Messrs. V. F. Fisher, Grimes, Simpson and R. A. Scobie; Hon. Auditor, Mr J. Prebble.

N. M. ROE.

Auckland Astronomical Society

The Society held nine meetings during the year, with speakers dealing with a variety of subjects ranging from Sir William Herschel through to space travel.

The highlights of the year were the total solar eclipse in May and the apparition of comet Ikeya-Seki in October.

The official party of the Society, led by Mr J. Orr, was successful in obtaining several excellent photographs of various phases of the eclipse, and several members of the Society who also made their headquarters at Matauri Bay were equally successful and well rewarded for their enthusiasm.

A new approach was made by observing the eclipse from the air. Two aircraft were chartered and many members of the Society and the public took the opportunity of viewing the spectacle, which will not be visible in New Zealand for many years.

In October comet Ikeya-Seki provided a glorious sight in the early hours of the morning and was even visible in daylight. This comet was the brightest seen for a long time. Several members obtained photographs and made useful observations.

The Society suffered a great loss in the death of their Secretary, Mr L. R. H. Beaumont, B.A., F.R.A.S. His enthusiasm and love for astronomy will be sadly missed by all who knew him.

The Society is grateful to the Observatory Trust Board for the great work they have done over the past years, and look forward to next year, when it is hoped that the Observatory, with its 20-inch diameter telescope, will be opened and be available to the public and the Society.

D. C. FISHER.

Conchology Section

As forecast in last year's report, the membership has stabilised. During the year 30 persons resigned and 31 new members were

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admitted, giving a total membership of 253. Attendance at the monthly meetings continued to average at approximately 60.

A heartening feature of our section is the increase in the number of juniors and younger persons attending and taking an active part in our meetings.

Once again a varied and interesting year's programme was presented. Talks, illustrated either with colour slides, blackboard drawings or actual material, were given as follows:—

Professor Morton: Design for Living in the Strombacea.

Dr. Miller: Nudibranchs — some Grazing Carnivores.

Dr. Ballantyne: Suggested Molluscan Field Studies.

Mr Ponder: Bringing Taxonomy to Life.

Mr Warren: The New Zealand Muricidae.

Captain Short: Stewart Island Trip Reports.

Mr Booth: Paper Nautilus Shells at Mayor Island.

Mr Price: Field Trip for Dr. Solem, of Chicago, to Lord Howe Island, Rarotonga, Western Samoa and Tonga, in Search of Small Land Snails.

Mr K. Tarlton: Underwater Exploration at Poor Knights Islands (with many underwater slides).

In addition, numerous short talks and reports were given by members. These are much appreciated and prove very instructive.

A feature new to our section was introduced, i.e., "Group Discussions", and proved a great success.

Younger members have contributed much information and many valuable specimens by underwater diving, using "Scuba". This work is giving a true picture of marine life down to the 200ft. mark.

The publication *Poirieria* continues to improve both in quality and presentation of the material. The section is most grateful to the editors — Mr and Mrs N. Gardner — for their hard work and continued enthusiasm.

1965/66 was not a good year for field trips, both the weather and tides being rather unkind. However, a hard core of members took advantage of the few occasions that offered.

Kauai Island was again visited, about 30 members being present. The trip proved fruitful with good shore collecting and considerable dredging from a rowing boat by several younger members.

Mrs L. Seager's "At Home" attracted over 50 members, and all enjoyed a wonderful day examining a comprehensive collection of foreign and New Zealand shells.

A typewriter valued at £80 and a stapling machine costing £9 were purchased, but receipts still exceeded expenditure by £80. The section is now making a study of ways to increase its service to members.

Dr. Powell has continued to give us his much-valued advice and support. He is always ready each month with wonderful displays of shells, and regularly informs the section of the latest happenings in the conchological world. It is true to say that a large part of the credit for our section's success is due to Dr. Powell's patronage.

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The Officers for 1966 are: President, S. R. Ayling; Executive Secretary, Mr D. Lamb, 17 Tristram Avenue, Milford; Correspondence Secretary, Mrs N. Gardner, 6 Tui Glen Road, Birkenhead.

S. R. AYLING.

Maritime Section

The Auckland Maritime Society, which is the Maritime Section of the Institute and Museum, has had a successful year, and the speakers at the monthly meetings have maintained a high standard. Talks have been given by a naval officer, two master mariners, a deep water yachtsman, and by some of the Society's own members. The sum of £200 was raised by the Society during the year for the purchase of reprints of Lloyds Registers, the balance of the full amount required being provided by the Museum. The Society is very grateful to the Director, Mr Turbott, for his interest and practical support in this matter. The reprints, which are housed in the Museum Library, cover the years 1834-1873, and are of particular value to research workers.

Two excursions were held during the year, one to Waikato Heads, when Mr C. Roose acted as guide, and one to Tiri Tiri, where members saw the "Davis Marine Beacon".

A successful shipboard evening was held on the *Kuala Lumpur* of the China Navigation Co. in December.

At the annual meeting held in April last, the following committee was elected: Messrs. R. A. Carpenter (Chairman), R. M. Watt (Secretary); N. A. Maffey (Treasurer), D. N. Brigham, C. W. Hawkins, A. A. Kirk, W. A. Laxon and A. P. Thompson.

Membership of the Society stands at 180, made up of 149 ordinary, 9 honorary, 15 country and 7 junior members.

Assistant Director

Rigging a model ship; designing a "mock-up" of a ship's bridge; supervising the moving of a 1½-ton anchor; microfilming rare and important books of reference; editing the "Museum Records"; writing two monographs on molluscan systematics, each of over 600 typed pages; maintaining and adding to the reference collections of mollusca, marine invertebrates, fishes, fossils, and even postage stamps; answering enquiries; delivering lectures and setting up exhibitions of material for the monthly meetings of the "Conchology Club" — all in a year's work.

However, despite the diversity of tasks, many of them self imposed, it has been a most satisfying year. The long-contemplated Maritime Hall is now open to the public, although as material becomes available, and time permits, detailed feature exhibits remain to be added.

The ship's bridge, which is complete with wheel, compass, chart table and navigation lights, immediately became a star attraction, since its elevated position gives an uninterrupted view of the harbour and surrounding waters, enabling visitors to identify landmarks by reference to the chart and compass. Incidentally, some more youthful visitors

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disdain the view and look upon the locked wheel as a trial of strength challenge.

Another prominent feature of the new hall is the large mural on the end wall, depicting the three voyages of Captain Cook into the Pacific. At the feet of the mural is a conventional sea with bronze cannon and model Pacific island sailing canoes, the whole surrounded by an appropriate railing of nautical flavour, in wrought iron and rope, thus serving to symbolise the impact of Western culture into that of the Pacific Islanders.

A great deal of time was devoted personally, not only to the designing of the features of the hall, but also to tedious renovations, especially the repairing and re-rigging of the large model of a three-masted topsail schooner.

We are indebted to Mrs Brookes, who carried out the art work, to Mr Hensen, who supervised his carpentering staff in the construction of the bridge and other fixtures, and especially to the commanding officer of the Naval Base, who made available a labour force to bring up from the ground floor and install in the new hall, the very large and heavy kedge anchor of the *Bounty*.

Recently it was decided to remove the pre-Tertiary fossil collection from the geological department and to house it along with the Tertiary collections, already in the molluscan department. This pre-Tertiary collection, which comprises important New Zealand and foreign material, requires much curatorial attention. A considerable amount of re-labelling has been accomplished, but much remains to be done before the collection is in satisfactory order. The necessity for taking over the collection was occasioned by a steady increase in enquiries pertaining to this material.

Now the space problem in the molluscan department has been aggravated, but this should resolve itself, with the appointment of a zoologist, and the attendant removal to his quarters of the non-molluscan invertebrates and the fishes.

Part-time assistance by both Mr W. F. Ponder (one day per week) and Mr N. G. Gardner (one evening per week) is gradually reducing the large stockpile of molluscan material awaiting labelling and incorporation in the reference collections.

A major accession in the molluscan department was the gift of 34 holotypes of rissoid mollusca and much supplementary material, by Mr W. F. Ponder.

Further satisfactory progress, mostly outside office hours, was made with the turrid research project sponsored by Mr Dixon Stroud of Pennsylvania. Of the main work, "Indo-Pacific Turridae", two out of an estimated fourteen parts have been completed, one published, the other in the press, and a third is under way. During the year a 650-page manuscript dealing with the classification and evaluation of turrid taxa was completed and now awaits publication. After spending three weeks at Sydney and Melbourne museums last November, in connection with the turrid projects, the Stroud Fund shows a credit balance of 3,966 dollars.

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The National Science Foundation, Washington, has allocated the sum of 50,000 dollars for a comprehensive research project concerned with three families of land snails, relict on the islands of the inner Pacific, which are in danger of extermination. The grant was allocated jointly to Dr. Yoshio Kondo, of the B. P. Bishop Museum, Honolulu, and to me. Dr. Kondo, with an assistant, is already in the field in the Solomons area, and it is expected that I work the Samoan and Tongan groups later this year. A number of other field participants will be engaged to work areas ranging from the Marianas to Juan Fernandez.

Museum field work during the year consisted of a few days collecting land snails in the rain forest areas of southern New South Wales, with Dr. D. F. McMichael of the Australian Museum, and a week on land snail investigation in the forest areas of North Auckland, in company with Dr. A. Solem of the Field Museum, Chicago.

New records of warm-water Pacific mollusca in New Zealand continue to come to light as the result of the sustained activities of a group of Whangarei skin divers, operating in the Poor Knights Islands area. The latest finds consist of a second species of cowry, *Cypraea vitellus*, and the large frog-shell, *Bursa bubo*.

Two papers were published during the year — "Mollusca of Antarctic and Sub-Antarctic Seas", which forms one of the chapters in a volume entitled "Biogeography and Ecology of Antarctica", published by Messrs. Junk of The Hague, and "New Zealand Molluscan Systematics, Part 5", published in our "Museum Records" (volume 6, No. 2). The "Museum Records", which appeared in October, 1965, contains also three important papers by Mr Winston F. Ponder, constituting a monograph of the New Zealand molluscan superfamily Rissocoae.

The Conchology Section, now with a membership of over 250, had a very successful year, and details of the Section's activities are contained in the Director's report.

A. W. B. POWELL.



Ethnologist

Accessions worthy of special mention include the following: an ethnographical collection from the Central New Guinea Highlands, presented by Dr. R. N. H. Bulmer; ethnographical material from the Sepik River area, from the Edward Earle Vaile Trust Fund; a fine mat ('ie tonga) from Samoa, presented by Mrs N. E. Toder; a hammock from Yucatan, Mexico, presented by Mr T. A. Mackenzie; a greenstone *mere* presented by Mrs J. Wood; a greenstone adze, several stone adzes, fernroot beaters and a fishing sinker, presented by Mr R. Shakespear; and a carved stone sinker, presented by Dr. D. A. Purdie.

The Egyptian collection and the European palaeolithic and neolithic material was removed from the former antiquities room to the eastern wing of the research room. The removal enables reference and comparison to be easily carried out. Already the smaller articles in the Egyptian collection have been installed in filing cabinets.

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The decision of the Auckland City Council to pass on the three-dimensional objects from the Old Colonists' Museum has involved much time in sorting, checking and storing. The bulk of this work has been undertaken by Mrs Stephenson, who has also re-catalogued the collection. Assistance in unpacking was also given by Mrs Warneford and Mrs Paterson. Many of these colonial items will be used in the Milne and Choyce exhibit of an early Auckland street, complete with shops, fittings and goods. After a period at the Milne & Choyce store, this exhibit will be set up as a permanent display at the Museum. Mrs Stephenson has visited many persons and institutions seeking suitable material for display in the shops. When the calls on her time presented a problem, some fifty-odd visits were made by myself.

In February the War Relics section was detached completely from this department, and a commencement made with the disposal of all relevant material belonging to the European Applied Arts department.

Our extensive collections continue to attract local and overseas students. For a period of two days Thor Heyerdahl examined the collections from eastern Polynesia; Miss P. Arkinstall, of Cornell University, New York, made a specialised study of the Polynesian and Melanesian bark cloth; Mr S. Mead, Anthropology Department, University of Auckland, continued his study of Maori textiles; and Dr. G. R. Seaman, musicologist, University of Auckland, commenced a survey of Maori musical instruments.

For one week in May I had the pleasurable experience of attending the highly successful residential school on the Maori arts, organised by the Department of University Extension, University of Auckland. This school, held at Tikitiki, East Coast, was notable for the practical instruction in carving, *tukutuku* work and rafter painting, carried out by Pine Taiapa, the well-known carver. My task consisted of learning, observing, and participating in discussions whenever appropriate. Later in January I attended for one day a small school held under the same auspices at Ardmore College. A week in January was spent at Houhora working on the moa-hunter site excavation run jointly by the University of Auckland and the Museum, under the direction of Mr N. Roe.

A lecture, "Recapturing the past in the Maori Arts at Tikitiki", was contributed to the Museum's Sunday afternoon lecture series. Two groups of student teachers, one from the Auckland Post Primary Teachers' College, the other from Ardmore Teachers' College, were piloted over One Tree Hill and the Maori environment, history and the defensive works of the old *pa* explained. Various groups were guided through the reserve collections, including people attending the Local Body evening, anthropology students, the Waiuku Rotary Club, members of the Occupational Therapy Training School and students on section at the Museum. Two groups from the Occupational Therapy School attended for help with specialised projects. Lectures were given to various societies outside the Museum as required. Assistance was given at the School for Curators arranged by the Art Galleries and Museums Association held at the Museum. An upsurge of interest in

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the Maori badge amongst the Girl Guides was evident by the fact that 43 passed the test, and also five were examined for the Woodman Badge. At the request of local committees visits were paid to Waiuku and Matakohe to discuss problems related to the museums in those areas. The biennial conference of Agmanz, held at Napier, was attended, and I was re-elected to the Council. At the North Shore Festival my services were sought to act as co-judge for the entry of Maori kits.

Considerable time was occupied in the identification of coins brought in by collectors, and discussion with the Hon. Numismatist, Mr A. Sutherland, resulted in reaching agreement on basic matters affecting the coin and medal collection.

Numerous requests were received for the loan of material for specialised purposes. Those benefiting included: the Anthropology Department of the University; the Catholic, North Shore and Ardmore Teachers' Colleges; several public libraries; the Papakura Historical Society; the New Lynn R.S.A.; and many others.

The year has been a heavy one where identifications, requests for information and personal interviews are concerned. The programme for any particular day is always punctuated with numerous appeals for help in this respect. This service is a vital part of the departmental work and builds up much goodwill with the visitors concerned.

Mrs E. E. Warneford, as Recorder, kept the cataloguing up-to-date, and in addition, sorted, checked and cared for a large quantity of material. Most of the work of removing the Egyptian and prehistoric collections, referred to earlier, was executed by her. Mrs Warneford has also done a great deal to expedite the transfer of material to the European Applied Arts department. Her experience in and knowledge of the ethnology department makes her services of increasing importance every year.

Mrs E. B. Paterson, who has continued to give three half-days per week in an honorary capacity, has frequently assisted Mrs Warneford in a variety of ways, too numerous to be tabulated.

V. F. FISHER.



Botanist

A grant of £4,000 was received in 1964 from the Scientific Distribution Committee of the Golden Kiwi Board of Control for a five-year survey of the native and introduced plants of the Auckland district. The grant is for equipment and in particular for a long-base Landrover suitable for trips into rough country.

Collecting areas have been chosen mainly in districts where beach subdivisions and farm development are under way. Usually little bush remains, and most of the locality collections consist of second growth species, weeds and "garden escapes". Field trips throughout the year produced a number of flowers and fruits which were poorly represented in the herbarium as well as many locality records we did not have before. Research and voucher specimens for Professor

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L. H. Briggs and students of the Chemistry Department, University of Auckland, were collected on two trips to the Lower Huia Dam site, and I am indebted to the staff of the Waterworks Department for their assistance.

Field trips during the year were: Whatipu 7.4.65; Russell 16-19.4.65; Tauranga and Kaimai Range 10-13.5.65; Leigh and Pakiri 21.5.65; Lower Huia Dam site 28.5.65 and 1.6.65; Taipa and Karikari Peninsula 23-26.8.65; Tairua and Whitianga 28.9.65-1.10.65; Rotorua and Tauranga 14-15.10.65; Whangaruru and Whangamumu 19-21.10.65; Karekare and Piha 16.11.65; North Cape 3-6.2.66; Coromandel 17-20.2.66.

The field work has been regarded as urgent because of the increasing inroads into residual stands of native vegetation, but the immediate result has been an accession of more than 3,000 specimens that still await not only critical identification but also labelling and mounting. This backlog represents two or three years' work before results can be assessed and specimens finally housed. The mounted specimens are being filed by counties to avoid unnecessary collecting, to serve as a guide to the progress of the survey, and to provide an immediate picture of the distribution of each species in the Auckland Provincial area.

The miniature ropewalk, installed with the assistance of Mason Bros. Ltd. and Donaghys' Rope and Twine Co. Ltd., was brought into use by the School Service for visiting classes. The first diorama on gumdiggers was installed by Mr Cappel in September, 1965, and another on the mangrove swamp in Hobson Bay is in preparation. Mr Cappel has also installed preserved plants in the timber cases in the Cheeseman Hall, labelled the timber specimens with "Letraset" labels, and finished panels on kauri gum and phormium fibre. The new displays attracted much interest and the "Woman's Weekly" published a colour centre article on the diorama and gum.

Miss J. Goulding and Mrs P. Hynes have worked part-time in the herbarium to maintain and enlarge the collections. Miss Goulding returned from a training visit to the Carnegie Museum, Pittsburgh, in July, 1965, and we are most indebted to Dr. George R. Cooley for suggesting the trip, to the Carnegie Museum for providing necessary fares and a living allowance for six months, and to the Director, Dr. Netting, and the staff of Carnegie Museum for many kindnesses to Miss Goulding during her stay. We are also most grateful to Dr. Cooley for gifts of valuable botany books and specimens. Mrs Hynes visited Rarotonga in November and December, 1965, and added to the type collections made by Thomas Cheeseman in 1899. Here again Mrs Hynes found few native plants in the riot of weed species and "garden escapes".

During the year Conservation Committee and North Shore Scenic Board meetings were attended, Museum Association Diploma examinations were supervised, and parties of curators, Ardmore College students, City Council Parks Department apprentices and Local Authority members were shown through the herbarium and given brief

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talks on botanical work. On May 19th, 1965, the Auckland branch of the Engineers' Institute invited me to represent conservationists at an exhaustive and exhausting discussion of criticisms of engineering projects (the meeting lasted from 6 to after 10 p.m.). A more enjoyable evening was spent with the Engineers on February 16th, 1966, when a mock enquiry on the Waimakato Canal was presented to their annual conference.

ROBERT COOPER.



Entomologist

Having been appointed to this position on October 1st, 1965, the remaining three months of the year were mainly occupied in writing up results of previous Antarctic work and settling in to my new department.

Two papers were completed for a forthcoming monograph on Antarctic insects to be published in the U.S.A. One paper on New Zealand butterflies, "Nomenclature of some butterfly species", was published in the N.Z. Entomologist 3 (4): 18-20, in December, 1965, and another was completed.

From January 7th to February 9th I was away from Auckland, being a joint Auckland-Bernice P. Bishop (Honolulu) Museums representative on the Auckland Islands Expedition, 1966. The two Museums are to share the specimens collected.

Since then the work of the department has been carried on more actively, and it is pleasing to report that there is a substantial increase in the use of the department for information by the public and for research information or specimen loans by New Zealand and overseas entomologists.

A certain amount of field work has been carried out and many specimens added to the collections.

A lecture, "The Recent Antarctic Insect Research Programme," was given to the Auckland Institute in April as the first of the series for this year.

Recently, a start has been made on the preparation of displays for an insect hall in the new General Natural History Gallery.

K. A. J. WISE.



Librarian

During the year, use of the library has continued to increase. 6,404 books have been borrowed by members, and 511 by other libraries on inter-loan. 5,148 people used the library for borrowing or reference.

1,226 books have been catalogued, but the number of books received by the library is considerably greater. So many books are presented to the library that it is impossible to catalogue them all. They are, however, available if wanted.

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Enquiries for information, particularly about New Zealand, become more numerous every year, and assistance is given in providing information for University Honours students writing theses, for Training College groups, for the N.Z.B.C. for radio and television programmes, and for the press, as well as for our own members. In addition, books, photos, paintings and maps have been lent to societies and other organisations for special displays.

Research has been done for the Colonial Street which is being built by Milne & Choyce Ltd. This research has entailed extensive study of newspapers, directories and any other material which might have some bearing on Auckland in 1866. The library's large collection of Auckland photos has been of great value in assisting the planners of the street to make it as authentic as possible. In addition, considerable research has been done into the history of the firms which are to be represented.

As in other years, there are many people who have given interesting and valuable material to the library, and we wish to express to them our very sincere thanks. We regret that space will not permit us to list all items received. Among items of particular interest are: Annual Reports of the Auckland Auxiliary Bible Society, 1853-71, from Mr A. T. Pycroft; Narrative of the Survey Voyages of His Majesty's Ships Adventure and Beagle (1839) from Mr W. A. Fairclough; books, reprints and manuscript notes on mosses from Mrs Cedric Smith of Stewart Island; photocopies of early New Zealand maps, and plans relating to places and projects in the Auckland district, from National Archives.

Among manuscript items received are: Further papers of the late Sir Algernon Thomas, presented by his son, Mr N. R. W. Thomas; a copy of the diary of Major Cyprian Bridge of the 58th Regiment, from the late Archdeacon Walsh; typescripts of the Letters and Journals of Joseph Matthews, written between 1851 and 1878, presented by Mrs B. Mabbett; copies of letters of George Clarke, 1839-75, presented by New Zealand Historic Places Trust; diary of a voyage to New Zealand by Garner Jones, presented by Mrs Kingdon; papers of John Bolland, a pioneer settler of the Avondale district, presented by Mrs C. B. Russell; papers of the late Mrs Florence Mackenzie, by bequest.

Through the generosity of the Auckland Maritime Society, it has been possible for the library to acquire the reprint volumes of Lloyd's Register of Shipping for the years 1834-1873. The cost of these volumes was £442, of which £200 was paid by the Maritime Society. These registers are a most valuable addition to our collection of early New Zealand source material, and we are very grateful to the Maritime Society for its generous contribution.

On behalf of Messrs. Jackson, Russell, Tunks and West, Mr J. Rose deposited a copy of the Codes of Justinian, published in 1516. This edition is believed to be very rare.

Important purchases included three paintings by John Webster. We now have 43 paintings by this fine early artist. We are indebted to Mr R. McK. Geddes, a descendant of John Webster, for treating,

restoring and remounting the entire Webster collection. Some of these paintings are now on permanent display in the Hall of Oceanic Ethnology. Also by purchase, we acquired Maori Land Court notes of proceedings made by the presiding judge, H. A. H. Monro, during the 1860s and 1870s. These were completely unsorted, and many were partly disintegrated. We are most grateful to Mr W. Heap, who spent a considerable amount of time in cleaning and sorting them.

On the occasion of the N.Z. Library Association Conference, held in Auckland in February, Miss C. Troup arranged a display entitled "Auckland Ephemera". This was designed primarily to show the kind of non-book material which should be collected by libraries specialising in New Zealand material, and included theatre programmes, menus, invitations, etc.

I wish once again to express my thanks to those who have given voluntary assistance during the year. Miss Joan Caughey has continued to type early unpublished manuscripts, and her deciphering of writing which is often almost illegible has meant that research workers can make the maximum use of material. It also means that manuscripts can be made more widely available, as carbon copies are sent to libraries in other centres. I wish also to thank Mrs Mogford and Mrs Ricketts for voluntary assistance in the general work of the library.

In addition to the donors mentioned above, we wish to acknowledge with thanks donations from the following persons: Sir Gilbert Archey, Colonel A. R. Hughes, Dr. G. R. Cooley, Dr. R. Dreadon, the late Dr. J. W. Freudenberg, Dr. G. R. Lewthwaite, Dr. H. R. Minn, Dr. R. M. S. Taylor, Rev. R. L. Challis, Messrs. J. Beever, R. Bellman, S. G. Brooker, R. J. Charleston, H. F. Clift, F. M. Coster, E. Craig, J. A. Daken, J. T. Diamond, A. N. Duder, F. B. Duvall, W. A. Fairclough, F. G. Fairfield, G. M. Fowlds, A. A. Goldie, N. H. Good, C. Hawkins, C. H. Hensen, F. J. Keenan, J. Kiely, W. Laxon, J. H. W. McGeorge, J. A. McPherson, I. Madden, S. J. Madill, A. D. Mead, J. J. Norrish, J. D. Osborne, E. J. B. O'Sullivan, C. J. Parr, A. T. Pycroft, A. S. Reed, R. H. Riccalton, T. D. Savage, D. Shaw, J. Smith, J. A. Stacey, A. Sutherland, P. Taiapa, E. G. Turbott, C. W. Vennell, A. G. Walker, R. J. Wech, R. A. Widdicombe, Mrs M. Billman, Mrs E. Coleman, Mrs L. Craig, Mrs D. Gooch, Mrs A. V. Harpour, Mrs Havell, Mrs Kingdon, Mrs W. Macdonald, the late Mrs P. Milne-Hovey, Mrs N. M. Morris, Mrs Pitcher, Dr. Mary Palmer, Mrs Postlewaite, Mrs A. Rutherford, Mrs J. Smyth, Mrs S. Thom, Mrs W. G. Wray, Misses M. Ballantyne, J. Caughey, E. Clark, J. Goulding, J. Irvine, C. Jefferson, D. Layland, D. A. Lowe, E. Mountain, R. Owen, J. Rattray, K. Smith, I. Stennett, N.Z. Herald, Onehunga Borough Council.

ENID A. EVANS.



Extension Service

Circulation of displays to provincial centres continued. Whangarei Museum now shows five of our displays, and Matakohe Museum will

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be added to the northern circuit when their display cabinet is complete. Hobson County Council, Ngaruawahia Borough Council and Mangakino High School have enquired about the service, and specifications of display cabinets have been sent to them.

Six new displays for the circuits were completed, with valued co-operation from Mrs Brookes, Mr Cappel and Mr Turbott.

Special displays were arranged for the Clevedon A. and P. Show, the Auckland Surfcasters and Anglers exhibition, and the Urewera National Park Board. Many loans of birds for displays were made.

The Museum Extended Studies groups continued, with two Form I groups under the care of Mr B. Cadman and later Mr A. van der Meijden and two Form II groups in my charge. The Form II group had a field trip to Muriwai, a well attended parents' evening, and a successful study camp at Tongariro National Park. The Form I group held a study camp at Kawau. This year six classes will be shared by Mr van der Meijden, Mr G. McGuigan and me.

The 1965 Sunday afternoon lecture series attracted an average attendance of 55. Thanks are due to the following speakers for their participation in the series: Messrs. V. F. Fisher, J. Grant Mackie, J. Terrel, H. Keith, R. Sibson, A. Irvine, W. J. B. Hunter.

Demonstrations of Maori craft, including the making of korowai and taniko cloaks by Mrs R. Hetet and Mrs M. Te Kanawa, attracted much attention during the Arts and Crafts Exhibition held at the Museum last May.

As a result of discussions, members of the Orakei Marae committee and other helpers have continued to demonstrate tukutuku work and flax weaving once a week in the Maori Court.

A party under the direction of Mr W. Shawcross, University Lecturer in Prehistory, and me excavated a moa-hunter site at Mt. Camel between November 29 and January 31. Much valuable fauna and artifact material was excavated, carbon and pollen samples were taken, and a display was prepared by Mr Cappel for the Maori Court. Much work on the analysis of material from different levels, and on the interpretation of the site, remains.

Special acknowledgment is due to Mr W. A. Wagener, owner of the property, for his consent to the excavation and to the lodgement of the material in the Museum collections. His generosity in giving us the use of his bach and assistance with water transport was much appreciated.

N. M. ROE.



Planetarium Lecturer

Now in its seventh year of operation, the planetarium has entertained a total of 232,556 visitors. The attendance during the year was 14,801, of which 11,061 came to public sessions and 3,740 were children in school groups.

It was an outstanding year astronomically, with a total solar eclipse visible in Northland, an exceptionally bright comet, and

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space craft providing close views of the moon and the planet Mars. All these were dealt with at the time in appropriate demonstrations.

The value of the planetarium to specialist groups appears to be becoming more widely known. During the year lectures on navigation were presented to naval boy trainees, pupils of the Auckland Navigation School and students of surveying at the Auckland Technical Institute.

Children of the Extended Studies group attended on five occasions, culminating with a parents' night on October 6th.

Students at Ardmore Teachers' College came to four special demonstrations and those of the Hamilton College to one lecture. Senior pupils of Auckland Grammar School requested a lecture on Renaissance Astronomy to fit into their project on the Renaissance. A close view of the moon, with recent photographs, proved very popular at two sessions on local bodies' night.

Apart from its roles of education and entertainment, the planetarium continues to strive to provide new interests for the afflicted. Many groups of psychiatric patients have attended sessions, and one group of deaf children was also delighted to see our stars.

Museum curators attending a seminar at the Auckland War Memorial Museum spent some time studying the versatility of the projector and the role of a planetarium in the modern museum.

The wives of engineers in conference in the city attended two special night sessions in the course of a "City Lights" tour and members of the Volkswagen Club, who have attended once a year since the opening of the planetarium, paid a further visit.

R. A. McINTOSH.



School Service

Summary of services for the year ended December 31st, 1965.

Attendances for one-hour lessons:

Primary	Intermediate	Post-Primary	Total
35,990	4,240	2,076	42,306

Student Teachers on Section:

88	6	94
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Numbers in visiting Student Teacher Classes 901

Schools receiving loan material:

City	Provincial	
75	400	475

Hard work has been the hallmark of this session. Difficulties in securing an assistant replacement resulted in the remaining teaching staff of two having to carry the services at their maximum capacity for the first, and busier, half of the academic year. There was no option: the teachers wanted to come; many were prepared to help

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themselves; and it is difficult to cut down on the administrative load without disrupting the loan service to schools.

If anything, the claims on the staff have become more diverse. The altered schedule of the Atomic Energy Exhibition required that all post-primary schools in central Auckland be advised by phone, when an evaluation was also given of the character of the display. This met with a most enthusiastic and equally grateful response. The reaction of the intermediate and post-primary schools to the Gothic Art Exhibition was the most gratifying ever experienced by this department in the field of art appreciation. The request of the committee organising "Education Week" in Waihi for modern teaching aids produced a loan of four displays. Preparations were made for a team of six students from the Post-Primary Teachers' College to participate in a special course of social studies. Unfortunately, forward bookings were not sufficient to warrant the students staying the full section: advantage was taken of this situation to outfit them with special kits of specimens and other teaching material to test the acceptability of such a device in schools marginal spatially to the museum. This proved to be an experiment of major importance and may well provide a much-needed approach. (Ironically, belated bookings for this course brought the total to a capacity level.) Arrangements were made for the Planetarium Lecturer, Mr McIntosh, to show the "Ranger" films to the three city Teachers' Colleges, which was most successful. Attention was also paid to the needs of a visiting group of Commonwealth educationalists.

Change has also been the order of the day. The demand from the schools for lessons was adapted to meet the new rhythm of the teaching sections from the Auckland Teachers' College. Lecturers from North Shore Teachers' College tried new approaches in familiarising the students with the use of the Museum. Ardmore student teachers tested the practicability of implementing more individualised teaching relationships with the children. A questionnaire to elucidate the needs of teachers was circulated to the metropolitan schools, with a view to starting a request service in the urban region. Experiments are proceeding with new types of travelling display cases. The loan service department has been concentrated on a central site, to the advantage of everybody. Work is proceeding with new, conveniently situated, student quarters. Further, the administration of this department has been shifted from the Principal of the Auckland Teachers' College to the District Senior Inspector.

Study groups from the Auckland, North Shore and Ardmore Teachers' Colleges have been most purposive in action — concentrating more on working in depth, which may well be the cue for the development of this work with the proposed longer training period. Much of this has been achieved through the help of the professional staff of the Museum, and in particular the Librarian, Miss Enid Evans, and the Ethnologist, Mr V. F. Fisher. Groups of social studies students from the Post-Primary Teachers' College were taken on familiarising tours

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Illustrations

1. *Early Auckland Street.* This reconstruction showing an Auckland street in 1866 is to be Messrs. Milne and Choyce's centennial gift to the city, and to the Museum. After its opening in the firm's Queen Street store next August, it will be on show there and will be transferred to the Museum in February, 1967.
2. *Material for the Early Auckland Display.* Mrs E. M. Stephenson (Recorder, Old Colonists), who has been seeking out and organising materials for this display, with an article which proved on extensive enquiry, and some newspaper publicity, to be a food chopper.
3. *Auckland Festival 1965.* Each year the Museum makes its contribution to the Festival. Included in "An Exhibition of Crafts" was a demonstration of Maori methods of weaving.
4. *Visit by Potter.* Mr Shoji Hamada, the famed Japanese potter, visited the Museum during the year. Examples of his work owned by Aucklanders were accumulated through the courtesy of Auckland Studio Potters members as a temporary exhibition on the occasion of his visit.
5. *The Conchology Section,* which for 36 years has held its monthly meetings at the Museum.
6. *Extended Studies Groups.* This new venture is sponsored by the Education Department in co-operation with the Museum. Here Mr N. M. Roe, who is responsible for the organisation of the Groups, makes an impromptu identification during a field trip.
7. *Weighing anchor — new style.* The New Zealand Navy provides a task force for the delicate manoeuvre of transferring the weighty but fragile kedge anchor of the "Bounty" up the stairs to its new position in the Maritime Hall.
8. *Maritime Hall.* Mrs Brookes begins work on the end wall mural depicting the three voyages of Captain Cook in the Pacific.



*Photographs by courtesy of the Auckland Star (Nos. 2, 4, 6 and 7),
National Publicity Studios (No. 3), Sparrow Photographers (Nos. 5 and 8),
and Vahry-Sindall Photography Ltd. (No. 1)*



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of the Museum. Calls were made by the Education Officer on the new Principals at Auckland and Ardmore Colleges.

At this turning point in the course of the Museum Education Section, it is fitting that tribute should be paid to the Principals of the Auckland Teachers' College, Mr D. M. Rae, Mr R. A. Dickie and Mr N. S. Lovegrove, who interpreted its function so liberally since its inception. Finally, full credits are due to Mr Cadman, who has borne the brunt of organising the teaching programme in this most uneven and busy year.

RICHARD A. SCOBIE.

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List of Benefactions made to the Auckland Institute and Museum of an amount (or value) exceeding £50.

MONETARY GIFTS.

1876 Auckland Citizens: £2,026 subscribed towards first building.
1878 Mr. J. C. Firth donated £106 for show cases.
1884 Mr. Edw. Costley bequeathed £12,150.
1887 Mr. David Nathan bequeathed £100.
1897 Mr. T. Russell donated £100 for geological specimens.
1901 Auckland Citizens subscribed £1,000 for Mair Collection.
1902 Mr. E. A. Mackenzie bequeathed £2,500.
1906 Auckland Citizens subscribed £662 for carved houses.
1911 Auckland Citizens subscribed £684 for ancient carvings.
1913 Sir John Logan Campbell bequeathed £1,000.
1921 Institute Members subscribed £115 for Temple Bronzes.
1923 Sir Wm. H. Herries bequeathed £1,000.
1924 Citizens subscribed £698 for Maori collections.
1925 Institute Members subscribed £100 for Maori collection.
1926 Sir James Gunson Presentation Committee presented £118 for
Maori collection. Mr. David Goldie bequeathed £1,000.
1927 Mr. F. Shaw bequeathed £1,000.
1929 Mr. S. J. Ambury bequeathed £250.
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin
Mitchelson Prize Fund.
1940 Mr. Maurice Harding bequeathed £500.
1941 Mr. Ormsby Gore Adams bequeathed £100.
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific
achievements of Thomas F. Cheeseman.
1944 Mr. E. Earle Vaile gave two blocks of shops and residences
worth £10,000 as an endowment for ethnological collec-
tions and books.
Mr. R. C. Horton gave £200 towards extending the mineral
collection.
Sir Albert and Lady Ellis gave £150 for Library book-cases.
£428 received on account of a bequest by Mr. C. V. Houghton.
Mitchelson Prize Fund increased to £100.
1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cine-
matography.
Auckland Savings Bank gave £500 for improvements to
Exhibition Halls.
Auckland Electric Power Board gave £100.
Mr. R. C. Horton gave £70 for purchase of Georgian Silver
Tea Set.
Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500
for purchase of ethnographical specimens.
1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey
building in Queen Street worth over £30,000 as a further
endowment for ethnographical collections and books.

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1947 Auckland Savings Bank Centennial Gift of £5,000.
 Mr. A. V. Hanson bequest of approximately £2,000.

1948 Mr. E. P. Mitchelson, bequest of £1,000.

1950 Mrs. Sarah Ann Powley, bequest of £171.
 Sir Cecil Leys bequeathed £1,000.

1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.

1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics.

1954 Captain G. A. Humphreys-Davies: Bequest of £500.
 Sir Albert Ellis, C.M.G.: Bequest of £100.

1956 Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500.
 Sir William Goodfellow: £100 for early English ceramics.
 Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.

1960 Auckland Savings Bank gave £500 to furnish the Cheeseman Herbarium.
 A Member gave £75 towards furnishing the Herbarium.
 Mr. W. B. Dixon Stroud gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.
£1000 received from an Institute Member to extend popular science publications.

1961 Sir William Goodfellow: £250 towards purchase of van; £150 for purchase of porcelain.
 Mr. L. J. Ayre: bequeathed £552.
 Auckland Savings Bank gave £600 for equipping the children's hobbies room.
 Mr. H. J. Atkinson: bequeathed £685.
 Dr. J. A. Clinch: bequeathed £500.
 Anonymous: £500 for the memorial halls.
 Miss E. L. Hellaby: £100 for the memorial halls.
 Institute Member: £200 for exhibition halls.
 Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.

1962 Mr. H. D. Buddle: bequeathed £1,000 and many books.
 Sir John Logan Campbell Trust: £2,400 grant for display hall.
 Miss E. L. Hellaby: £100 for memorial halls.
 Mr. John Seabrook: £250 for micro-film reader.
 Mr. W. B. Dixon Stroud: \$6,000 for Dr. Powell's molluscan research.

1963 Messrs. E. A. Astley and Sons: £100.
 Miss C. A. Atkinson: bequeathed £53/14/2.
 Auckland Savings Bank: £5,000 for new exhibition halls.
 Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology.
 Sir William Goodfellow: £100.
 Miss E. L. Hellaby: £100 for memorial halls.

1964 Miss E. L. Hellaby: donation of £100.
 Miss Josephine McClymont: donation of £200.
 Sir John Logan Campbell Trust: £2,500 for exhibition hall.
 Auckland Savings Bank: £2,000; administrative area, finishing.
 Auckland Lions' Club: £116 for display case.

1965 Auckland Savings Bank: £2,000 for Maritime Hall.
 Mr. W. H. Cocker, C.M.G.: bequeathed £100 for show-case to house collection of sake bottles and snuff bottles.
 Miss E. L. Hellaby: donation of £100.
 Mr. S. Klippel: bequeathed £250.
 Mr. J. A. Stacey: donation of £100.
 Mr. W. B. Dixon Stroud: \$4,000 for Dr. Powell's molluscan research.

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1966 **Auckland Maritime Society:** £200 towards purchase of Lloyd's Register of Shipping.
Auckland Savings Bank: £2,000 for exhibition halls.
Sir John Logan Campbell Trust: £2,000 for lighting in exhibition halls.
Mrs E. E. Fraser: bequeathed £2,619.
Miss E. L. Hellaby: donation of £100.
Mr C. V. Houghton residuary estate: £627.
£200 received on account of a bequest by **Mr W. T. King.**
Mrs J. McLennan: bequeathed £1,000 as an endowment for visual aids equipment for school service.

SPECIMENS AND BOOKS.

1876 **Mr. R. C. Barstow:** Large collection of Maori articles.
1877 **Mr. G. F. Edmonton:** 564 volumes of scientific works.
1878 **Mr. T. Russell, C.M.G.:** 34 casts from the antique.
1878-83 **Mr. J. T. MacKelvie:** 390 books and ethnology collection.
1887 **Mr. C. O. Davis:** Valuable Maori collection.
1901 **Mr. L. D. Nathan:** Japanese Shinto Shrine.
1913 **Mr. Henry Shaw and Mr. F. Shaw:** 172 scientific books. **Hon. Sir Edwin Mitchelson:** Valuable Kauri Gum collection.
1915 **Dr. C. E. R. Bucknill:** Collection of Old English Glass.
1916 **Mr. Henry Shaw:** Collection of Japanese art.
1917 **Miss Ruth Northcroft:** Large Maori and Polynesian Collection
1919 **The Misses Yates:** Collection of Indian weapons.
1920 **Mr. James Dunning:** Collection of North American Mammals.
1921 **Mr. W. A. Aldred:** Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection
1923 **Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.:** The Cheeseman Herbarium of native and foreign plants.
1924 **Mr. Wm. Sutherland:** Melanesian ethnographical collection.
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. **Messrs. Samuel Vaile & Sons:** Large collection of Maori greenstone articles. **Sir Cecil Leys and Mrs. Selwyn Upton:** The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
1925 **Mr. F. Crossley Mappin:** Valuable Maori and South Pacific exhibits
1926 **Mr. Geo. F. Webster:** Valuable Maori antiquities.
Mr. H. R. Butcher: Collection of British coins.
Mrs. E. M. Ball: The Thos. Ball Zoological collection.
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens
Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
1927 **Mr. F. Crossley Mappin:** Valuable Maori carvings.
Mr. Moss Davis: Valuable ethnographical specimens.
1928 **Sir Cecil Leys and Mrs. Selwyn Upton:** Unique and richly carved feather box.
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.
Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
Mrs. S. J. Lushington: Large collection of mollusca.

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1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
Mr. W. R. McGregor: New Ireland carved memorial figures.
Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of mollusca.
Mr. C. E. Clarke: Large collection of N.Z. Insects.
Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.

1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.

1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection.
Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.

1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.

1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.

1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.

1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost.
The Admiralty: Model of H.M.S. New Zealand.

1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.

1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.

1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.

1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.

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1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.

1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.

1943 Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet collections of insects. Colonel the Hon. F. Waite, D.S.O., M.L.C.: Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.

1944 Mrs. B. Quigley and Miss E. Kenderdine: Large number of books on early New Zealand history. Mr. E. Earle Vaile: Collection of works on South Pacific exploration and New Zealand history. Captain G. A. Humphreys-Davies: Ancient Chinese bronze sculpture. Mr. J. C. Entrican: Large collection of Eastern Polynesian stone implements.

1945 Mr. W. G. White: A valuable very representative collection of Worcester and Chelsea China. Mr. E. Earle Vaile: Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.

1947 Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund: Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellie-coe's racing 14-footer "Iron Duke."

1948 Sir Frank Mappin: 16mm Cine-sound projector.

1949 Mr. and Mrs. J. Yock: Old English sterling silver salver.

1950 Mrs. J. P. Campbell: Eighteenth century inlaid sideboard.
Mr. Wm. Goodfellow: Delft vase and other early ceramics.
Mr. V. J. Larner: Early china and delft vase.

1951 Mrs. Goldie: Twenty portraits of Maoris by the late Mr. C. F. Goldie.
Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
Mr. W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.

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1952 **Mr. E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.
Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
New Zealand Insurance Company: Suite of large cabinets and library furniture.
Mr. William Goodfellow: Three Maori portraits by Lindauer.
Sir Carrick Robertson: Collection of Zulu ornaments.
Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.

1954 **Mrs. Robert Cooper:** Collection of botanical books and book-cases.
Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
Mrs. P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.

1955 **Dr. J. A. Clinch:** English silver and Sheffield plate.
Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, K.B.E.
Mrs. A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
Mr. C. Roose: Set of 2000 charts of the Pacific.
Mr. G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
Wellcome Museum Trustees: extensive selection of ethnological specimens.

1956 **Miss E. Blumhardt:** Large set of her paintings of native flowers.
The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
Sir Ernest Davis: Portrait of H.M. the Queen.
Mr. John Pybus: Five moa skeletons from Waitomo district.

1958 **Rev. Canon Hubert Jones:** Sets of English West-County history.

1959 **Mrs. R. Rose:** English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
Dr. Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.

1960 **Farmers Trading Company's** Jubilee gift of a Spitz Planetarium with full range of accessories, the planetarium building and furnishings.
Sir Ernest Davis: Portrait of Lord Freyberg.
Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
Mr. L. J. Ayre: Extensive philatelic collection and a monetary bequest.
Miss Lina V. Bruce: 18th century north country spinning wheel.
Mrs. Susan Payne: library cabinets, philatelic and ethnographical collections.

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1961 **Mr. Leo White:** Series of coloured wall display photographs of Auckland.
Auckland Citizen: Portrait of His Excellency the Governor-General.
Northern Steamship Company: Builder's models of "Wakatere" and "Manai".
Union Steamship Company: Builder's model of "Ormonde".

1962 **Mrs. Blanche Halcombe:** books, collections of native birds and ethnological articles.
Sir Ernest Davis: large model sailing ship.
Mrs. E. E. Goodhue: collection of Northland greenstone ornaments.
Miss M. F. Hoole: bequeathed a Sheraton sofa table.
Dr. and Mrs. J. L. Newman: large Chinese silk and gold embroidery.
The Countess of Orford: Water colour drawing of Auckland by J. C. Hoyte.
Mrs. G. R. S. Fisher: Notable examples of early English-Continental lace.

1963 **Sir John Logan Campbell Trust:** Library furnishings.
Mr. W. Kingsley: collection of books on Naval history.
Mr. E. F. Hilton: large collection of shells including rare species; Northern Australia and Tropical Pacific.

1964 **Miss J. Winifred Shaw:** Chinese lacquered work-table.
Sir James Gunson: silver model of first War Memorial building.
Mr. L. Alfred Eady: early Collard piano.
Mr. Peter A. N. Nathan: Chinese carved screen.
Mr. Lacy K. Neilson: Maori carved pataka base.
Mr. A. D. W. Walcott: Merlin air engine.
New Zealand Insurance Company: Board-room tables, chairs and book-cases.
Mr. C. W. Hawkins: Models of Auckland sailing ships.
Mr. H. R. W. Thomas: Set of book-shelves.
Mr. C. A. Gordon: Bequest of several thousand books.
Mr. R. B. Sibson: Descourtiz, Ornithologie Bresilienne.
Mr. E. J. Mitchelson: Dressing table of New Zealand woods.
Mrs. Doris Gordon and Miss Gladys Holman: Drawings by John Johnson, first Colonial surgeon.
Mr. W. H. Cocker, C.M.G.: collections of Japanese sake bottles and snuff bottles and £100 for show-case.

1965 **Mr P. A. Lawlor:** Walpole collection: books and pamphlets.
Mr James Pascoe: Two Dresden vases.
Lady Richmond, Mrs H. Kinder, Mr P. B. Phillips: nine paintings of vessels of the Craig Line.
Mr J. F. Stewart: Tokipoutangata, mere pounamu and kotiate.

1966 **Auckland City Council:** Collection of three-dimensional items formerly part of the Old Colonists Museum.

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT for the Year Ended 31st March, 1966

	EXPENDITURE		INCOME	
	1966	1965	1966	1965
Salaries and Wages	37,015	34,064	Contributions from Local Authorities—	
" " " Auckland Savings Bank	536		Metropolitan and Provincial Statutory	42,576
" " " Special Grant	2,080	2,030	Provincial Voluntary	2,350
Superannuation				
	39,631			44,926
Administration Expenses—			Subscriptions—	
Audit Fee	99	108	Life Members'	173
Cleaning	622	192	Ordinary	1,735
Councillors' Travelling	50	160		1,749
Freight and Cartage	28	19	Interest on Trusts and Specific Endowments	850
General	530	408	Interest on General Endowments	1,269
Heating, Lighting and Water	1,315	840	Interest on Special Reserves, Grants, Gifts and	
Insurance	289	387	Provisions	282
Postages, Telephones, Intercomm.	815	694	Interest on Current Account Bank of New Zealand	656
Printing and Stationery	791	645		3,057
Staff Removal	244	262	Recovery of Expenditure from—	
Travelling	176	399	Auckland Savings Bank Grant	461
	4,959		Building Maintenance Provision	1,564
Cinematography—B. Wilson Endowment	23	—	Sir John Logan Campbell Trust	185
Photography—B. Wilson Endowment	53	—		2,210
Travelling—H. C. Atkinson Research Endowment	34	—	Planetarium	598
Extension Service	462	207	Rent and Interest—Receiver of Land Revenue	13
Photography	24	384		611
Special Exhibitions	440	163	Sales—	
Repairs and Maintenance—			Information Desk	316
Building	5,771	1,890	Publications	370
Electrical Fittings	185	—		686
Showcases and Furniture	48	136	Donations—	
Equipment and General	129	97	Contribution Box	474
Specimens	126	—	Special	388
	7,295			512
Institute	554	810	Guide Fees	37
Subscriptions Written Off	145	105	Miscellaneous	19
Unauthorised Expenditure—				56
Entertainment, etc.	144	102		61
	843			34
Balance transferred to Appropriation Account	1,588	3,937		
	£54,316	£48,039	£54,316	£48,039

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STATEMENT OF
TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; SPECIAL RESERVES, GRANTS AND GIFTS

DESCRIPTION	Capital Balance 1/4/65	Income Balance		Interest	Other Receipts	Total Income	Payments	Detail	Income Balance Dr.	Capital Balance 31/3/65	Total Balance
		Dr.	Cr.								
TRUSTS											
Accumulating Endowment	654 13 9			34 7 6		34 7 6				689 1 3	689 1 3
H. G. Atkinson—Research	739 4 10	100 1 11	38 16 3			138 18 2	33 16 1	I&E A/c	105 2 1	739 4 10	844 6 11
L. J. Ayre—Philately	888 19 2	49 10 0	46 13 4			96 3 4	43 11 8	Appn A/c	52 11 8	888 19 2	941 10 10
J. C. Entrican—Numismatics	1,000 0 0	307 15 2	52 10 0			360 5 2	176 18 0	Appn A/c	183 7 2	1,000 0 0	1,183 7 2
Mackenzie—Library	2,000 0 0	125 0 9	105 0 0			230 0 9	200 0 0	Appn A/c	30 0 9	2,000 0 0	2,030 0 9
Janet McLennan—School Service			35 0 0	1,000 0 0		1,035 0 0			35 0 0	1,000 0 0	1,035 0 0
Mitchelson Prize	100 0 0	25 3 1	5 5 0			30 8 1			30 8 1	100 0 0	130 8 1
Museum Endowment	14,116 4 5		741 2 0			741 2 0	741 2 0	I&E A/c		14,116 4 5	14,116 4 5
Pond Cheeseman Bequest—											
Commemorative Prize	145 0 0	25 5 0	7 12 3			32 17 3			32 17 3	145 0 0	177 17 3
Sir Carrick Robertson—Research	600 0 0	88 7 10	31 10 0			119 17 10			119 17 10	600 0 0	719 17 10
Edward Earle Vaille —											
Ethnology Library	120,165 0 0	1,524 0 0	2,959 15 7	3,149 15 8	876 0 0	8,509 11 3	5,059 13 3	Vaille A/c	2,573 18 0	121,041 0 0	123,614 18 0
Bertha Wilson—Cinematography	2,000 0 0	402 5 5	105 0 0			507 5 5	23 3 4	I&E A/c	484 2 1	2,000 0 0	2,484 2 1
Bertha Wilson—Photography	1,000 0 0		52 10 0			52 10 0	52 10 0	I&E A/c		1,000 0 0	1,000 0 0
	143,409 2 2	2,647 9 2	4,215 1 11	5,025 15 8	11,888 6 9	6,330 14 4			3,647 4 11	145,319 9 8	148,966 14 7

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 1966
RECEIVED PAYMENT AND EXPENSE

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GENERAL ENDOWMENTS

Buddle Bequest	880 0 0		44 0 0		44 0 0					880 0 0	880 0 0
Campbell Bequest	1,000 0 0		50 0 0		50 0 0					1,000 0 0	1,000 0 0
Costley Bequest	7,700 0 0		385 0 0		385 0 0					7,700 0 0	7,700 0 0
Freder Bequest											
Goldie Bequest	1,000 0 0		50 0 0		50 0 0					2,618 12 3	2,618 12 3
Gore-Adams Bequest	100 0 0		5 0 0		5 0 0					1,000 0 0	1,000 0 0
Hanson Bequest	2,255 10 7		112 15 6		112 15 6					100 0 0	100 0 0
Harding Bequest	500 0 0		25 0 0		25 0 0					2,255 10 7	2,255 10 7
Herries Bequest	1,000 0 0		50 0 0		50 0 0					500 0 0	500 0 0
Houghton Bequest	824 1 11		41 4 1	627 8 11	668 13 0					1,000 0 0	1,000 0 0
King Bequest				200 0 0	200 0 0					1,451 10 10	1,451 10 10
Life Members' Subscriptions	7,054 1 5		352 14 0	173 5 0	525 19 0	1,269 4 7	Total Interest To I&E A/c			200 0 0	200 0 0
Lunn Bequest	25 0 0		1 5 0		1 5 0					7,227 6 5	7,227 6 5
Miss Josephine McClymont	200 0 0		10 0 0		10 0 0					25 0 0	25 0 0
J. A. Marshall	550 0 0		27 10 0		27 10 0					200 0 0	200 0 0
Mitchell Bequest	25 0 0		1 5 0		1 5 0					550 0 0	550 0 0
Mitchelson Bequest	1,000 0 0		50 0 0		50 0 0					25 0 0	25 0 0
Nathan Bequest	100 0 0		5 0 0		5 0 0					1,000 0 0	1,000 0 0
Sarah Powley Bequest	171 1 5		8 11 0		8 11 0					100 0 0	100 0 0
Shaw Bequest	1,000 0 0		50 0 0		50 0 0					171 1 5	171 1 5
	25,384 15 4			1,269 4 7	3,619 6 2	4,888 10 9	1,269 4 7			1,000 0 0	1,000 0 0
										29,004 1 6	29,004 1 6

**SPECIAL RESERVES GRANTS GIFTS
AND PROVISIONS**

Auckland Savings Bank— Exhibition Halls	2,151 11 3		75 6 1	2,000 0 0	2,075 6 1	536 1 4	I&E A/c			1,377 17 7	1,377 17 7
Building Maintenance	5,898 11 2		206 8 11		206 8 11	1,770 17 0	I&E A/c			4,334 3 1	4,334 3 1
Sir John Logan Campbell Trust— Exhibition Halls	6,975 3 3		244 2 7	2,000 0 0	2,244 2 4	184 19 8	I&E A/c			8,134 17 8	8,134 17 8
Clinch—Photographic Equipment	593 12 4		20 15 6	36 9 2	57 4 8					650 17 0	650 17 0
W. H. Cocker—Showcase	100 0 0		3 10 0		3 10 0					103 10 0	103 10 0
Depreciation of Investments	460 18 6		16 2 7		16 2 7					477 1 1	477 1 1
Educational Publications	1,245 18 11		43 12 2		43 12 2					1,289 11 1	1,289 11 1
Ellis—Ethnographical Specimens	100 0 0		3 10 0		3 10 0					103 10 0	103 10 0
Gordon—Library	224 6 0		7 17 0		7 17 0	232 3 0	Appn A/c			—	—
Horton—Geology	115 12 7		4 1 0		4 1 0					119 13 7	119 13 7
Humphrey-Davies—Catalogues	590 8 3		20 13 3		20 13 3					611 1 6	611 1 6
Leys—Ethnographical Specimens	1,000 0 0		35 0 0		35 0 0					1,035 0 0	1,035 0 0
Memorial Halls	2,435 14 10		85 5 0	21 16 8	107 1 8					2,542 16 6	2,542 16 6
Motor Vehicle Depreciation	1,354 3 8		47 8 2	250 0 0	297 8 2					1,651 11 10	1,651 11 10
Oceanographic Grant	93 12 9		3 5 6		3 5 6					96 18 3	96 18 3
Publications Reserve	4,895 9 8		171 6 10	370 9 11	541 16 9					5,437 6 5	5,437 6 5
Showcase for White's China	12 18 8		9 1		9 1					13 7 9	13 7 9
Special Visitors' Fund			8 15 0	250 0 0	258 15 0					258 15 0	258 15 0
Specimen Purchase	1,040 15 11		36 8 6		36 8 6					1,077 4 5	1,077 4 5
Sword Purchase	4 19 8		3 3 6		3 3 6					5 3 2	5 3 2
Vaile Obsolescence Fund	5,095 2 5		254 15 0	200 0 0	454 15 0		Vaile A/c			5,549 17 5	5,549 17 5
	34,388 19 10		1,288 15 8	5,128 15 9	6,417 11 5	5,936 7 11				34,870 3 4	34,870 3 4

APPROPRIATION ACCOUNT for the Year Ended 31st March, 1966

	1966	1965		1966	1965
	£	£		£	£
Capital Expenditure from Reserves	3,445	940	Balance from Income and Expenditure Account	1,588	3,937
Capital Expenditure from Revenue	3,576	4,126	Transfer from Auckland Savings Bank Grant	2,313	915
Capital Expenditure from Trusts	420	332	" L. J. Ayre Philately	44	70
Building Maintenance Provision	110	—	" Sir John Logan Campbell Trust	899	—
Life Members Subscription Endowment	173	173	" J. C. Enticott Numismatics	177	100
Motor Vehicle Depreciation Provision	250	277	" Mackenzie Library	200	72
Publications Reserve	371	1,627	" Stamp Collection	—	25
Edward Earle Vaile Endowment	—	40,464	" B. Wilson Cinematography	—	89
			" Gordon Library	232	—
			Profit from Sale of Investments	173	19
			" " Property	—	40,464
			Balance carried down	2,609	2,358
				£8,235	£48,049
				£8,235	£48,049

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT

(A summary of this account is included in the Statement of Trusts)

	1966	1965		1966	1965
	£	£		£	£
Capital Expenditure—			Rents Received—		
Collections	1,317	1,232	Less Expenses—		
Library	3,362	3,054	Commission	295	
	4,679		Insurance	142	
Archaeological Expedition—Donation	—	100	Rates	688	
Archaeological Expedition	166	—	Repairs and Maintenance	1,282	
Advertising	15	—		—	2,407
Valuation	—	42			2,264
Transfer to Obsolescence Fund	200	200	Nett Rents		
Balance carried down	2,574	1,524	Dividend	3,404	2,903
			Interest	123	122
			Balance brought down	2,583	1,863
				1,524	1,264
				£7,634	£6,152

AUCKLAND INSTITUTE AND MUSEUM
BALANCE SHEET AS AT 31st MARCH, 1966

LIABILITIES				ASSETS	
		1966	1965	1966	1965
		£	£	£	£
Capital —Balance 1/4/65	973,858		964,174		
Additions during year—					
Capital Expenditure from Reserves	3,444		940		
Capital Expenditure from Revenue	3,576		4,126		
Capital Expenditure from Trusts	5,100		4,618		
Golden Kiwi Grant: Botany Department—					
Motor Vehicle	1,963				
Edward Earle Vaile, Effects	43				
Total Capital	987,984		973,858		
Trusts—as per statement	148,967		146,650		
General Endowments—as per statement	29,004		27,075		
Special Reserves, Grants, Gifts and Provisions—as per statement	34,870		32,105		
	212,841				
Current Liabilities —					
Subscriptions in Advance	35		29		
Sundry Creditors	1,685		2,701		
	1,720				
Income and Expenditure Account—					
Balance 1/4/65	2,673				
Less Excess of Expenditure over Income for the year	2,609				
	64		2,673		
	£1,202,609		£1,185,091		
Fixed Assets —					
Buildings			687,949		684,957
Collections			191,846		189,654
Displays			644		215
Equipment, Tools, etc.			4,700		4,265
Furniture and Fittings			44,986		43,477
Library			54,487		49,881
Motor Vehicles			3,372		1,409
				987,984	973,858
Investments —					
Auckland Savings Bank—Fixed Deposit			2,000		2,000
Bank of New Zealand—Fixed Deposit No. 1 A/c.			70,464		70,464
Bank of New Zealand—Fixed Deposit No. 2 A/c.			14,000		
Australian Commonwealth Stock			1,971		1,971
Debentures and Stocks			51,151		49,530
Efforts			43		
Mortgages			1,350		3,525
New Zealand Government Stock			28,463		28,310
Properties			31,390		31,390
Shares			3,605		2,635
				204,394	
Cash —					
Auckland Savings Bank			1,972		1,090
Bank of New Zealand, London			124		107
Bank of New Zealand, Newmarket			1,283		13,593
Cash and Advances			51		56
				3,430	
Debtors —					
Members' Subscriptions			122		154
Sundry			2,042		941
				2,164	
Stocks —					
Books and Publications			4,146		4,741
Information Desk			491		683
				4,637	
	£1,202,609		£1,185,091		

E. G. TURBOTT,
Treasurer

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ACCESSIONS 1965-66

Mr S. I. Adams: Lamp.
Anonymous: Twenty Edison phonograph records.
Auckland Central Post Office: Iron letter box; formerly stood at corner of Franklin and Ponsonby Roads.
Auckland City Council: Collection of specimens from the Old Colonists' Museum.
Auckland Studio Potters' Association: Tall pot made by Peter Stichbury, pot made by Hans Coper, Tzu Chou pot, six glazed studio pots and seven unglazed biscuit pots made by Hamada (fired Len Castle). Deposited.
Miss N. R. Bamford: Gold ring.
Mr and Mrs J. Barnes: Two-piece dress, blouse and picture.
Mrs I. Barr: Collection of 31 mosses; Waitakere Range.
Battley & Johnson: Old ledger of 1891.
Mr G. Batty: Two stone adzes; New Zealand. Three stone adzes, three fishhooks, four stones for octopus lures, one sperm whale tooth; Tonga.
Mr W. G. Bayley: Two clay pipes.
Miss Jocelyn Beckingsale: Glove box, handkerchief box and book.
Mrs M. F. Bell: Two pairs hand-knitted stockings.
Mr W. H. Birch: Three stone adzes; Muriwai. Wooden billet club; Fiji.
Mrs Bond: Powder horn.
Mrs M. I. Briggs: Six tallow candles, as used in carriage lamps; New Zealand.
Mrs Hilda M. Brown: Carpet bag, brought from England in the 1850's. Deposited.
Mr J. W. Bruce: Feather cap (modern); New Zealand. Emu egg.
Dr. R. N. H. Bulmer: Ethnographical and botanical specimens; Central New Guinea Highlands.
Mr I. V. Carpenter: Spectacles with silver frames; England.
Mr F. C. Carr: Knife box, two lamp chimneys, one reading lamp, four lanterns, knife cleaner, galvanised tub, meal chopper, and large metal pan.
Mr N. Carr-Smith: Two fire badges.
Mr A. Cates: Kauri root outgrowth; Waitakere Range.
Mr G. M. Charleston: Staffordshire mug, Fulham mug, Davenport jug, Tittensor jug.
Mr D. R. Cole: Old iron key, possibly connected with the old fort built at Ile Ste Marguerite, France, about 1600, by Richelieu.
Mr A. J. Collings: A 'Soho' quarter plate reflex camera and accessories.
Dr. George R. Cooley: Four hundred and twenty-three dried plant specimens; U.S.A. Seven botanical books.
Mr and Mrs A. E. Cozens: Large ironstone china meat dish; England.
Miss Jill Craven: Three pieces of fossil timber; Tinopai, North Auckland.
Mr C. D. C. Creagh: Hafted stone adze; Samoa.
Mrs E. M. Dacre: Wooden plaque from ship.
Mr Alan Dean: Stone adze and polishing stone; New Zealand.
Brigadier W. W. Dove: Plaster casts of medals and classical figures.
Mr R. Draffin: Two bottles used to contain oxalic acid, label very old Sharland one.
Mrs Drew: Wax flowers under glass, birds under glass, shaving mug, tobacco cutter, table lamp and mirror.
Mr A. N. Duder: Flint ovate hand-axe and flint hand-axe; Farnham, Surrey, England.
Mr F. B. Duvall: Chemist's dispensing scales and chemist's infuser.
Mr S. A. Fisher: One jack plane, draw knife and glue pot.
The late Miss V. Fitzpatrick: Masonic cross; Ireland.
Mrs C. Reginald Ford: Lorgnette with tortoiseshell frames and handle.

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Mr Owen T. Foster: Ships clock from the auxiliary schooner "Strathcona" and album of photographs concerned with the cable ship "Recorder".
Mrs C. Freyberg: Silver spectacle case.
Mrs E. M. Frost: Bonnet box, children's books, baby's shirt and nightgown.
Mrs Galpin: Brown silk wedding dress.
New Zealand Breweries: Two beer bottles; one Lion Brewery and one Campbell & Ehrenfried.
The late Mr R. H. Gordon: British War Medal, 1914-18 Victory Medal.
Mrs H. M. Green: Badges of York and Lancaster Regiment and aluminium message tube used on carrier pigeon.
Mrs M. Hamilton: Domestic iron.
Mrs E. Harsant: Two books, *Sunday at Home* — vols. 5 and 6, 1858 and 1859.
Mr R. E. Harvey: Autographed menu used at the civic welcome to H.M.S. *Achilles* on February 23rd, 1940.
Mrs K. N. Haszard: Silk handkerchief decorated with national emblems of Great Britain, France, Belgium, Russia.
Mr C. J. Hende: Two turned bowls, one of totara and one of mottled silver pine.
Sister F. R. Hendersen: White tablecloth drawn thread embroidery.
Mrs J. Hogben: Pair of opera glasses.
Mr R. B. S. Hogwood: Percussion pistol and percussion revolver.
Miss M. Holloway: Photograph album on stand, 5 stone adzes.
Mr E. W. Holmes: Six carpenter's planes, moulding and beading.
Mr M. G. Irwin: Collection of mosses of Samoa; collection of reprints on mosses.
Mr and Mrs Jemison: Quill pen and nibs, 10 books, three inkwells, dress holder, hair backed ornament, velvet backed picture, two buttonhooks.
Mr and Mrs F. W. B. Jenner: Brooch — steel.
Mr A. R. Johnston: Silk shawl.
Mrs C. G. Kenrick: Two gold pocket watches.
Mrs Kingdon: Black ostrich feather boa 5ft. long, 12 ostrich feathers, 2 thimbles, 3 croquet mallets.
Miss K. Kingsford: Mason preserving jar, dated 1858.
Mr Francis de Latour: Pair oak window pulleys.
Mrs A. L. Lemarchand: Workbox, seamstress's friend, Col. Nixon's name-plate.
Mrs P. C. Levin: Iron register grate fireplace per favour of Mrs Horton.
Mrs C. Lilliecrapp: Large rug.
Mr J. S. Livingstone: Highly polished stone adze.
Mr R. H. Longden: Collection of pottery, 9 pieces Etruscan to Majolica.
Mrs J. Lovegrove: Five children's books, 1 silver toothpick (George III 1802-03).
Mrs J. Malcolm: Leather sovereign purse.
Miss N. Lush: French travelling clock.
Mrs E. G. McComb: Moustache cup.
Mrs Magee: Woolen flowers under glass, musical box.
Mr T. A. MacKenzie: Hammock (HAMACA).
Miss G. McGregor: Wooden washing board.
Mrs P. McNickle: Ivory foot ruler.
Mrs E. Middleton: Meissen porcelain seal press, wineglass.
Mr J. Midwinter: Iron kettle.
Mrs J. Milton: Ivory backed purse.
National Women's Welfare League: Small plate decorated with Maori meeting house in blue and Rongomai Aniwhaniwa on scroll; Bridgwood, England.
Navy Department: Chronometer, deck watch and sextant. On indefinite loan.
Miss Neill: Large dressed china doll 85 years old, also petticoats and other clothing.

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Mrs M. Newman: Small carved trinket box made from the wood of the old London Bridge.

New Zealand Crete Veterans' Association: Two winged daggers; Crete newspaper cutting.

Miss E. Nicholls: Corn dollies; Cookley, near Kidderminster, Worcestershire. Lace bobbins; Northamptonshire.

Mr J. J. Norrish: 1938-45 Star, Africa Star, Defence Medal, War Medal 1939-45, N.Z. Medal 1939-45.

Mrs D. C. Parker: Sewing machine (in case). Belonged to donor's grandmother.

Mrs D. C. Parker: Polished stone adze; Waimauku. Two kits, one child's kit, *Lei* — all of Hibiscus fibre, *Pandanus* plaited band; Moorea, Society Islands.

Mrs H. J. Payne: Old wringer; New Zealand.

Mrs Phibbs: Mirror, libation cup.

Phillipps & Impey Limited: Tin containing oak varnish and labelled "From W. Phillipps & Son, Queen St., Auckland".

Mr W. F. Ponder: Fifty-two lots of paratype and figured specimens of Mollusca published Mus. Records vol. 6 (2), 1965, and a collection of Pacific Island marine shells.

Dr. A. W. B. Powell: Early quadrant, forerunner of the sextant.

Mr M. J. Prendergast: Small wooden slab decorated with painted human form; Nipa, Southern Highlands of New Guinea.

Purchased: Twenty-six pieces pottery; one Persian bowl, Ming copy; five pieces Thai pottery; two mediaeval dishes; platter, made by Helen Mason; hanging jar, made by Pat Perrin; pair of silver plaques; old Leeds pottery jug.

Dr. D. A. Purdie: Stone sinker, knob with carved face; Poutu, Kaipara.

Mrs A. T. Pycroft: Small jet necklace.

Mr A. S. Reed: Photographic plate holders, from old plate camera.

Mrs F. J. Roberts: Souvenirs and arms from World War I.

Mr J. H. Rose: Wooden charm in the form of a crocodile; Opau group of villages inland from Kerema, Gulf of Papua.

Mrs C. B. Russell: Coat, pair of shoes and three bonnets.

Mrs A. A. Rutherford: Shingling iron, ivory photograph frame and a cowbell.

Mrs F. A. Sandall: Lady's dress early 1900's.

Mr T. D. Savage: Tobacco cutting machine, one candle mould, Duplex table lamp, child's chair, brass kettle, bullet mould and bullets.

Mrs M. A. Scarborough: Stalactite pounder; Mangaia, Cook Islands.

Mr R. Shakespeare: Greenstone adze, stone adzes, fern root beaters and sinker; Whangaparaoa. Two Kuines and wicker lid; India. Collection of dried plants; Little Barrier Island. Early quadrant, forerunner of the sextant.

Mr E. Sherlock: Two stone adzes; Ngatea.

Mr R. Sinclair: Pill making device, two stethoscopes, pill silvering pot, chemist's mixer, cachet makers, pharmaceutical iron, dental instruments, syringe, blocks.

Miss I. F. Smytheman: Iron saucepan, coal bucket, toilet table box, trinket case, nutcracker and pottery pin container.

Mrs Spedding: Mantle drape.

Mrs I. Spence: Tobacco and box; Christmas gift 1964, Princess Mary.

Miss M. Steele: Prayer wheel; Tibet. Small trumpet made from tusk of pygmy elephant; Ituri Forest, Congo, Africa.

Miss K. Stewart: Shell necklace (modern); Rakahanga Island.

Mrs G. Taylor: Two enamel candlesticks, cake basket, lace stole, black dress, parasol, hat, ostrich feathers, needle holder, whist marker and frock coat.

Mrs G. Taylor: Collection of lady's clothing and a writing box.

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Mr R. Taylor: Set of drills for metal work, 100 years old.
Mr N. R. W. Thomas: File of letters and cuttings giving history of Waipoua Forest controversy.
Mrs Waldo S. Thompson: Memo pad, scent spray, Indian shawl, two lac collars, ostrich feather fan, Shakespearean book mark, mosaic buckle.
Mrs N. E. Toder: Fine mat (*ie tonga*) of *pandanus*; Samoa.
Mrs L. E. Toplis: Tortoiseshell lorgnette.
Mrs Tudehope: Pair of curtains, bobble edged, and a pair of very old net curtains.
Mesdames Tudehope: Knife cleaner, camisoles, picture, carving fork and chemise.
Mrs J. Tulloch: Items relating to Ft.-Lt. R. A. J. Warneford, V.C.
Mrs E. G. Turbott: Wooden rocking chair and dress of 1880's. Narrow wooden shield; Victoria, Australia.
Mrs Geo. Turner: Sampler.
Edward Earle Vaire Trust Fund: Ethnographical material from Sepik River, New Guinea and Irian; tiny shell one-piece hook and five pieces of shellhooks, New Zealand. Wooden club; Fiji. New Zealand Medal 1864-1866.
Mrs E. M. Wallace: Edison home phonograph and records.
Mr E. A. Weeks: Spur; Bank of Whirinaki River, Te Whaiti.
Mrs H. W. Wells: Two oil paintings; MSS music, brought out on the "Ida Zeigler".
Mrs Weston-Webb: Lorgnette.
Mrs G. M. White: Silk top hat, frock coat and waistcoat; England.
Mr and Mrs H. L. White: Stone *patu*, unfinished; Horahora.
Mrs W. Trevor Whyte: Black shawl fringed edge, peacock stencilled in one corner.
Mr L. A. Williams: First field dressing, British issue 1917, and a carpenter's brace.
Mr E. D. Willis: Small perforated shell pendant; New Zealand.
Mr L. F. Wilson: Military map of France showing trenches Ligny-Thilloy area as at 1.10.1916. World War I.
Mr J. Wiren: Four Japanese coins.
Mrs J. Wood: *Mere Pounamu* or greenstone *mere*. Was given to the donor's father about 1894 by King Country Maoris.
Mrs E. L. Wright: Collapsible opera hat, tailor's iron, plate, daguerrotype, sampler, silk stockings, card case, blue and white bowl, satin shoes, bowl, whisk marker and bottle stopper.
Miss O. Wynn-Williams: Syringe for ears.
Storm-driven, accidentally killed and caged birds: Miss Kathy Anderson, Mr Paul Bishop, Mr Buckley, Mr E. A. Carmichael, Mr Anthony Dewitt, Mr J. Donnelly, Mr T. Friis, Mr Gillibrand, Mr Gillbanks, Mr A. Gover, Mr N. V. Hamilton, Mr Bruce Harper, Mr B. Hembrow, Mr Hickery, Mr R. C. Hill, Mr S. Hoyle, Mrs Humbles, Mrs Hutchinson, Mr J. A. F. Jenkins, Mr M. G. Jeffory, Mr W. G. Kehoe, Mr G. Leitch, Mahoenui School, Mr D. V. Merton, Mr T. O'Kane, Mr P. Perkins, Police Department, Mrs Power, Mr A. T. Pycroft, Mrs P. M. Roberts, Mr C. A. Schollum, Mr G. S. Scott, Mr J. Seabrook, Mrs Stilton, Miss D. Sutherland, Mr D. B. Wake, Mr Westrupp, Mr L. Wintle, Mr C. Withers, Mr R. Withers, Mr T. Whyte, Mr Wykes, Zoological Park.

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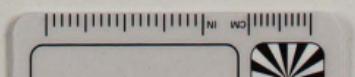
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